

BUILDERS  
HARDWARE  
AND  
TOOLS

CATALOGUE

1926

FORT PITT HARDWARE CO.

PITTSBURGH



BUILDERS  
HARDWARE  
*and* TOOLS

---

---

1 9 2 6  
CATALOGUE

---

---

Fort Pitt Hardware Co.  
PITTSBURGH



## INTRODUCTORY

**I**N COMPILING this catalogue our aim has been to make a hand book of standard items of Builders Hardware. It would not be practicable to attempt to cover the field of special hardware which is handled by our contract department.

The edge tools shown in back part of catalogue are all of well known standard makes and are warranted by their makers against imperfections in material or workmanship. We cannot afford to handle inferior tools.

This catalogue conforms as far as it is possible at this time, to the recommendations for simplified practice and elimination of waste by The Associated Manufacturers Committee on Builders Hardware of the United States Department of Commerce.

The Unit and Decimal system for quantities and prices is rapidly superseding the old Dozen and Gross system and the latter terms have been omitted herein, except in the case of Standard Lists for Wood and Machine Screws, Bright Wire Goods, Files, and some styles of Twist Drills.

The prices printed in the catalogue are not intended for current prices and are printed only for the purpose of guidance and making comparisons. A separate price list will be published from time to time for use in connection with the catalogue.

Accuracy in description and dimensions has been our constant aim in this book but we cannot accept claims for damages due to errors in this catalogue or for deviation of size of articles from catalogue dimensions. We can furnish template locks, hinges and sash pulleys when required, for a slight additional charge.

### TERMS

Credit will be extended where mercantile rating or trade references are satisfactory to our credit department.

Our terms to credit customers are thirty days net. All prices are F. O. B. Pittsburgh unless otherwise expressly stated. All prices are subject to change without notice.

Dealers should bear in mind that we cannot bill small broken lot Parcel Post shipments at extreme prices.

We are glad to have the opportunity of correcting our own mistakes.

Do not return goods to us without our written consent and instructions as to where the goods are to be shipped.

**FORT PITT HARDWARE COMPANY**

*Pittsburgh, Pa.*

*September 1st, 1926*



## GENERAL INDEX

A		Page			Page
ardion door hangers.....	167		Bellows .....	238	
ardion door hinges.....	16		Bell traps .....	228	
esive tape .....	241		Bell wire .....	94	
sters, casement .....	134		Bells, door .....	94	
sters, screen or sash.....	26		Belt dressing .....	243	
sters, window stop.....	139		Belt hooks .....	243	
s .....	257		Belt lacing .....	243	
Bricks .....	225		Belt leather .....	243	
ite Cloth .....	247		Bench or counter dusters.....	238	
ena design .....	54		Bench drills .....	302	
hors, building .....	212		Bench screws .....	263	
hors, expansion .....	211		Bench stops .....	263	
hors, joist .....	212		Benches .....	265	
hors, sleeper .....	212		Benton design .....	52	
irons .....	230		Berkeley design .....	51	
le door hangers.....	177		Bevels, sliding "T".....	277	
les, toilet partition.....	29		Bibbs, compression .....	237	
aled wire .....	220		Binders, door .....	186	
ils .....	255		Binders, load .....	250	
rtment house letter boxes.....	93		Bit gauge .....	298	
ons, carpenters .....	309		Bit extensions .....	297	
gratings .....	227		Bit stock, angular.....	297	
und the corner hangers.....	178 &		Bits, auger .....	294 &	
estos, paper and board.....	219		Bits, pulley boring.....	148	
umps .....	230		Black, lamp .....	217	
pit doors .....	230		Blades, hack saw.....	285	
halt .....	219		Blank hinges for ironworkers.....	14	
um butts .....	10		Blocks, chain .....	155	
er bits .....	294 &		Blocks, pillow .....	243	
er handle .....	295		Blocks, tackle .....	154	
er hollow .....	298		Blow torches .....	235	
ers .....	295		Board, asbestos .....	219	
omobile turntable .....	185		Board, Compo .....	219	
iliary springs .....	46		Bobs, plumb .....	277	
s .....	308		Bolt clippers .....	255	
ing hooks .....	193		Bolts, barn door .....	104	
s .....	257		Bolts, barrel .....	105	
s, Boy Scout.....	280		Bolts, bottom .....	103	
			Bolts, cane .....	103	
			Bolts, carriage .....	205	
			Bolts, chain .....	103	
			Bolts, cremone .....	100	
			Bolts, eye .....	189	
			Bolts, fire exit.....	100 &	
			Bolts, flush .....	102	
			Bolts, foot .....	103	
			Bolts, jamb .....	104	
			Bolts, machine .....	205	
			Bolts, mortise .....	105	
			Bolts, neck .....	105	
			Bolts, panic or fire exit.....	100 &	
			Bolts, parallel door.....	104	
			Bolts, shutter .....	104	
			Bolts, sliding door.....	104	
			Bolts, square .....	104	
			Bolts, stove .....	204	
			Bolts, stud .....	208	
			Bolts, surface .....	102	
			Bolts, surface, forged iron.....	9	
			Bolts, toggle .....	210	
			Bolts, toilet .....	29	
			Bolts, ventilating .....	138	
			Bolts, window spring .....	139	
			Bookcase catch or bolt.....	106	
			Boots, conductor .....	228	
			Borer, bung .....	237	
			Boring machine, hand power.....	298	
			Boring machine, power.....	148	
			Bottom Bolts .....	103	
			Box catches .....	78	
			Box hasps .....	84 &	
			Box scrapers .....	217	
			Box strapping .....	217	
			Boxes, cash .....	217	
			Boxes, channel .....	229	
			Boxes, feed .....	228	
			Boxes, mail .....	93	
			Boxes, mitre .....	265	
			Boxes, plumbers or cleanout.....	226	
			Boxes, tool .....	264	
			Boxes, twine .....	217	
			Boxes, wall .....	214	
			Braces, auger bit.....	297 &	
			Braces, screen door.....	37	
			Braces, sewer and timber.....	251	
			Brackets, door check.....	32 &	
			Brackets, flag pole.....	192	
			Brackets, glass shelf.....	49	
			Brackets, hand rail .....	126	
			Brackets, hook rail.....	124	
			Brackets, roofing, folding.....	251	
			Brackets, scaffold, folding.....	251	
			Brackets, screen .....	87	
			Brackets, shelf .....	127	
			Brackets, trolley track.....	174	
			Brads, wire .....	198	
			Brass butts .....	12	
			Brass butts, wrought.....	14	
			Brass cloth .....	221	
			Brass drawer knobs.....	116	
			Brass hinges, surface.....	17	
			Breast drills .....	299	
			Brick clamps or carriers.....	250	
			Brick layers hammers and scutches.....	256	
			Bricks, air .....	225	
			Bricks, rubbing .....	248	
			Bronze metal butt hinges.....	12	
			Brooms .....	238	
			Brushes, paint and varnish.....	239	
			Brushes, floor .....	238	
			Brushes, glue .....	240	
			Brushes, marking .....	217	
			Brushes, roofing .....	219	
			Brushes, scrub .....	238	
			Brushes, stencil .....	217	
			Brushes, wire .....	238	
			Building anchors .....	212	
			Bumpers, rubber .....	96	
			Bung borer .....	237	
			Burners, paper .....	233	
			Burners, gas tubular.....	233	
			Burnisher .....	291	
			Burrs .....	206	
			Butt gauges .....	305	
			Butt hinge information.....	4	
			Butt hinges .....	11 to 15	
			Butt hinges, ball bearing, steel.....	11	
			Butt hinges, bronze metal.....	12	
			Butt hinges, extra wide.....	15	
			Butt hinges, loose joint.....	15	
			Butt hinges, parliament .....	15	
			Butt hinges, steel.....	11, 13, 14 &	
			Button tip butts.....	10	
			Buttons, door .....	106	
			Buttons, electric push forged iron.....	8 &	
			Buttons, electric push.....	52 to 59 &	
			Butts .....	9 to 15	
			Butts, asylum .....	10	
			Butts, ball bearing button tip.....	10	
			Butts, brass .....	12	
			Butts, brass transom.....	12	
			Butts, brass wrought.....	14	
			Butts, broad loose pin.....	13	
			Butts, bronze wrought.....	12	
			Butts, button tip.....	10	
			Butts for painting.....	10	
			Butts, steel light weight.....	13	
			Butts, steel tight pin.....	14	



## GENERAL INDEX—(Continued)

## B—(Continued)

Butts, template .....	10
Buzzers, electric .....	94

## C

Cab door hangers.....	164
Cane bolts .....	103
Cans, garbage .....	236
Cans, oil .....	236
Cans, oily waste.....	236
Cans, safety gasoline.....	236
Cans, sprinkling .....	236
Cant hooks .....	250
Caps, post .....	214
Caps, tin roofing .....	219
Car mover .....	250
Car window locks.....	138
Carborundum bricks.....	248
Carborundum stones .....	247
Card holders .....	112 & 113
Card holders and pulls.....	112
Cards, padlocks on .....	80
Carpenter's cases .....	264
Carpet pins .....	195
Carriers, garment .....	125
Carriers, timber .....	250
Carving tool sets.....	293
Case corners .....	77
Casement adjusters .....	134
Casement fasteners .....	136
Casement hinges .....	26
Cash boxes .....	217
Caster cups .....	160
Casters .....	158 to 161
Catch basin grate.....	229
Catches, bookcase .....	106
Catches, box and case.....	78
Catches, cupboard .....	106
Catches, elbow .....	106
Catches, friction .....	106
Catches, screen door.....	50
Catches, transom .....	130 & 131
Ceiling hooks .....	121
Cellar frames and sash.....	227
Cellar window sets.....	26
Cement, asbestos furnace.....	240
Cement, coated wire nails.....	196
Cement, iron .....	240
Cement, liquid .....	240 & 241
Cement, roofing .....	219
Cement tools .....	260 & 261
Centers, sash .....	128 & 129
Cess pool traps.....	228
Chafing strip for sliding doors.....	186
Chain .....	143
Chain blocks .....	155
Chain bolts .....	103
Chain drills .....	298
Chain fittings .....	152
Chain, sash .....	144
Chains, transom .....	131
Chalk .....	309
Channel boxes .....	229
Channel, cold rolled steel.....	213
Checking floor spring hinges.....	31
Checks, brass key.....	42
Chest handles .....	119
Chest hinges .....	20
Chest locks .....	77
Chests of carpenters tools.....	266
Chisel handles .....	293
Chisels, blacksmiths .....	255
Chisels, box .....	258
Chisels, brick .....	256

Chisels, cape .....	258
Chisels, caulking .....	258
Chisels, cold .....	258
Chisels, concrete .....	256
Chisels, diamond point.....	258
Chisels, floor .....	258
Chisels, plugging .....	258
Chisels, plumbers .....	258
Chisels, ripping .....	258
Chisels, round nose.....	258
Chisels, stone cutters.....	256
Chisels, wood .....	292
Chisels, yarning .....	258
Chuck, drill, for spiral screw driver.....	301
Chucks .....	298
Chutes, coal .....	232 & 233
Cinch anchors .....	211
Clamp nails .....	199
Clamps .....	262
Clamps, beam .....	212
Clamps, hand vise.....	308
Clamps, saw .....	281
Clamps, wire rope.....	145
Clamps, wire splicing.....	271
Claw bars .....	253
Claws, nail .....	217
Cleaner, drain pipe.....	241
Cleaner, file .....	245
Cleats, line .....	154
Clinch nails .....	197 & 200
Clippers, bolt .....	255
Cloth, Aloxite .....	247
Cloth, Garnet .....	246
Cloth, wire .....	221
Clothes line hooks.....	192
Clothes posts .....	222
Clout nails .....	199
Coal chutes .....	232 & 233
Coat and hat hooks.....	120
Coatings, roofing .....	219
Cocks, racking .....	237
Cold cutter, blacksmiths.....	255
Collars, "Pull Easy" nail.....	200
Collars, cylinder .....	43
Columns .....	214
Combined sash lift and lock.....	141
Compo board .....	213
Concrete chisel .....	256
Concrete form nails and collars.....	200
Concrete inserts .....	210
Conductors boots .....	228
Conductors hooks .....	215
Conductors strainers .....	215
Construction wrenches .....	255
Continuous hinges .....	20
Controller, elevator door.....	171
Copley design .....	57 & 60
Copper wire nails.....	196 & 198
Coppers, soldering .....	240
Cord, picture .....	216
Cord, sash .....	145
Cordage .....	216
Corner bead .....	213
Corners .....	86
Corners case and trunk.....	77
Corners profile wood.....	311
Corrugated joint fasteners.....	199
Cotter pins .....	208
Cotton rope .....	145
Counter hinges .....	20
Counter shaft .....	243
Counter sinks .....	306
Covers and frames.....	226
Crayons .....	309
Cremone bolts .....	100
Crow bars .....	253
Cupboard catches .....	106

Cupboard turns .....	107
Cups, caster .....	160
Cups, drinking .....	236
Curtain hangers .....	164
Curve track hangers.....	178 & 179
Cutters, glass .....	242
Cutters, pipe .....	267
Cutters, washer .....	309
Cylinder collars .....	43
Cylinder parts .....	43
Cylinder rings .....	43
Cylinders, lock .....	43

## D

Dampers, fireplace .....	230
Darbies .....	260
Darien design .....	57
Dead locks .....	69, 70 & 71
Designs, Forged Iron .....	8 & 9
Curley Lock .....	8
Etruscan .....	9
Heart .....	8
Tulip .....	9
Designs, Bronze and Steel.....	51 to 60
Althana .....	54
Beacon .....	53
Benton .....	52
Berkeley .....	51
Copley .....	57 & 60
Darien .....	57
Essington .....	55
Granby .....	57
Regent .....	56
Revere .....	59
Warwick .....	58
Desk locks .....	76
Desk stays .....	19
Destroyer, zinc soot.....	241
Diggers, post hole.....	222
Dippers .....	236
Dishes, soap .....	49
Display hooks .....	192
Dividers .....	290
Dolley, timber .....	250
"Domes of Silence".....	160
Door bar holders.....	104
Door bars .....	91
Door bells .....	94
Door buttons .....	106
Door checks or closers.....	32 & 33
Door fasteners, chain.....	98
Door holders .....	98
Door knobs .....	44 & 45
Door knockers .....	95
Door knockers, forged iron.....	9
Door pulls .....	88 & 89
Door pulls, forged iron.....	8 & 9
Door springs .....	34
Door stops .....	96
Door stops and holders.....	97
Door stile information.....	5
Doors, ash pit.....	230
Doors, sidewalk .....	226 & 227
Doors, stack .....	230
Double acting spring hinges.....	24, 27, 28, 30 & 31
Double headed nails.....	200
Dowels .....	199
Drag scrapers .....	254
Drain pipe cleaner.....	241
Drawer knobs .....	114 to 117
Drawer locks .....	75
Drawer pulls .....	108 to 112
Drawers, money .....	217
Drawing knives .....	290
"Draw-Tite" bolts .....	104



## GENERAL INDEX—(Continued)

## D—(Continued)

	Page
Dressing, belt .....	243
Drift pins .....	255
Drill presses .....	302
Drilling rachets .....	298
Drills, automatic .....	301
Drills, bench .....	302
Drills, breast .....	299
Drills, chain .....	298
Drills, electric .....	303
Drills, hand .....	300 & 301
Drills, star .....	258
Drills, twist .....	296
Drivers, glaziers .....	242
Drop handles .....	110 & 111
Druggists drawer pulls .....	112
Dry batteries .....	234
Dumb waiter pulleys .....	152
Dumb waiters .....	156
Dumps, ash .....	230
Duster, bench or counter .....	238
Duster, painters .....	239

## E

Ears, strap .....	193
Edgers, cement .....	260 & 261
Elbow catches .....	106
Electric buzzers .....	94
Electric door opener and closer .....	185
Electric door openers .....	94
Electric drills .....	303
Electric hammer .....	303
Electric lamps .....	234
Electric push buttons .....	8, 9, 52 to 59 & 95
Electric saw .....	284
Elevator door controller .....	171
Elevator door hangers .....	170 & 171
Elevator door latches .....	64
Elevator door locks .....	64 & 65
Escutcheons, cabinet lock .....	79
Escutcheons, flush cup .....	47
Escutcheons, mortise lock .....	47 & 51
Essington design .....	55
Expanded metal .....	213
Expansion shields .....	210 & 211
Extensions, bit .....	297
Extinguishers, fire .....	235
Extractors, screw .....	268
Eye bolts .....	189
Eyes, hinge .....	21
Eyes, padlock .....	85
Eyes, screw .....	188
Eyes, transom .....	131

## F

Fasteners, casement .....	136
Fasteners, casement forged iron .....	9
Fasteners, chain door .....	98
Fasteners, corrugated joint .....	199
Fasteners, refrigerator .....	19
Fasteners, rug .....	195
Fasteners, sash .....	137
Fasteners, sash cord .....	145
Fasteners, screen or sash .....	26
Fasteners, shutter .....	25
Fasteners, table top .....	87
Faucets .....	237
Feed boxes .....	228
Felt, sheet .....	218
Felt, weatherstrip .....	187
Fence posts, steel .....	222
Fence stretchers .....	222
Fence wire .....	223
Figures or Numbers, House .....	99
Figures, steel for stamping .....	307

	Page
File cleaner .....	245
File handles .....	245
Files .....	244 & 245
Finishes .....	3
Fire exit bolts .....	100 & 101
Fire extinguishers .....	235
Fire pail hooks .....	192
Fire pails .....	235
Fire pots .....	235
Fire station door hardware .....	184
Fireplace Fronts and Grates .....	233
Fixtures, bathroom .....	49
Fixtures, sash chain .....	144
Flag pole brackets .....	192
Flanges, ceiling .....	210
Flat corners .....	86
Flat rail track and hangers .....	173
Flint paper .....	247
Floats .....	260
Floor brushes .....	238
Floor guides .....	186
Floor guides and track .....	166
Floor spring hinges .....	31
Floor wax .....	241
Flooring clamps .....	262
Flower bed guard .....	222
Flue rings .....	233
Flush bolts .....	102
Flush cup escutcheon and handles .....	47
Flush door pulls .....	88
Flush rings .....	118
Fly screen wire cloth .....	221
Folding partition hardware No. 237 .....	168
Folding partition hardware No. 535 .....	169
Folding screen hinges .....	20
Foot bolts .....	103
Forged iron hardware .....	8 & 9
Forges .....	255
Forks, coal and coke .....	253
Forks, spading .....	253
Frames and covers .....	226
Frames and sash, cellar .....	227
French window sets .....	50
Friction catches .....	106
Friction stays .....	131
Friction tape .....	241
Fronts and grates .....	233
Furnace cement .....	240
Furnaces, gasoline and kerosene .....	235
Furniture glides .....	160

## G

Galvanized wire nails .....	196 & 198
Garage door hangers .....	173 to 183
Garage door holders .....	98
Garage heaters .....	231
Garage hinge sets .....	23
Garage hinges .....	22 & 23
Garage latch sets .....	62
Garage lock sets .....	62
Garage sliding sets .....	178 to 183
Garage traps .....	228
Garbage cans .....	236
Garment carriers .....	125
Garment hangers .....	125
Garnet cloth .....	246
Garnet paper .....	246
Gas connecting tubes .....	231
Gas heaters .....	231
Gasoline cans, safety .....	236
Gate hinges .....	24
Gate latches .....	24
Gates, oil .....	237
Gauge, bit .....	298
Gauges, butt .....	305
Gauges, marking .....	305

	Page
Giesey hinges .....	26
Glass cutters .....	242
Glass door knobs .....	45
Glass drawer knobs .....	114 & 115
Glass knob lock sets .....	45
Glazier points .....	242
Glides, furniture .....	160
Gloves, canvas .....	238
Glue brushes .....	240
Glue pots .....	240
Glues .....	240
Gongs .....	94
Gouges, turning .....	292
Gouges, wood .....	293
Government anchors .....	212
Granby design .....	57
Graphite .....	241
Grass hooks .....	310
Grass seed .....	310
Grass shears .....	310
Grates and fronts, fireplace .....	233
Grates, floor .....	229
Grates, sewer .....	229
Gratings .....	225
Gratings, area .....	227
Gratings, sewer pipe .....	228
Gratings, street .....	229
Gravity closing hinges .....	28
Grille locks .....	72
Grilles .....	224
Grind stones .....	248
Grinders .....	248
Grinding heads .....	249
Grinding wheels .....	248
Grips, nail .....	217
Ground bead .....	213
Guards, door .....	98
Guards, wheel .....	227
Guards, wire .....	224
Guide rollers .....	186
Gutter grate .....	229

## H

Hack saws .....	285
Hair insulator .....	219
Half surface butt hinges .....	11
Half surface hinges, light steel .....	16
Hammers, bill posters .....	279
Hammers, blacksmiths .....	279
Hammers, brick layers .....	256
Hammers, electric .....	303
Hammers, machinists .....	279
Hammers, masons .....	256
Hammers, nail .....	278
Hammers, napping .....	256
Hammers, riveting .....	279
Hammers, striking .....	256
Hammers, tack .....	278
Hammers, tile setters .....	279
Hammers, tinnors .....	279
Hammock hooks .....	193
Hand drills .....	300 & 301
Hand of doors .....	4
Hand rail brackets .....	126
Hand vises .....	308
Hand wrought hardware .....	8 & 9
Handle latches .....	62
Handle sets, sectional .....	60
Handles, wood .....	257
Handles, chest .....	119
Handles, chisel .....	293
Handles, door .....	88 & 89
Handles, drop .....	110 & 111
Handles, drop, forged iron .....	9
Handles, entrance .....	60
Handles, entrance, forged iron .....	8 & 9
Handles, file .....	245



## GENERAL INDEX—(Continued)

## H—(Continued)

	Page
Handles, flush cup .....	47
Handles, leather .....	118
Handles, lever .....	46
Handles, lever, forged iron.....	9
Handles, saw .....	284
Handles, tray .....	117
Hangers and track, sliding door.....	164 to 185
Hangers, garment .....	125
Hangers, joist .....	215
Hangers, "Moore Pushless".....	195
Hangers, screen or storm sash.....	26
Hangers, shafting .....	243
Hangers, summer door.....	25
Hardware cloth .....	221
Hardware, garage hinge.....	22 & 23
Hardware, toilet door.....	29
Hardware, Whitco, casement window.....	26
Harness hooks .....	192
Hasps, hinge.....	84 & 85
Hat rack hooks.....	122 & 123
Hatchets .....	280
Hawks, plasterers .....	260
Hay racks .....	228
Heads, grinding .....	249
Heads, polishing .....	249
Heaters, gas .....	231
Hedge shears .....	310
Hinge eyes .....	21
Hinge hasps .....	84 & 85
Hinge nails .....	200
Hinge straps, ornamental.....	8 & 9
Hinge straps, plain plate.....	21
Hinges, accordion door.....	16
Hinges, back flap .....	20
Hinges, blank for ironworkers.....	14
Hinges, brass, box .....	17
Hinges, bronze metal.....	12
Hinges, butt .....	11 to 15
Hinges, butt, extra wide.....	15
Hinges, butt, loose joint.....	15
Hinges, casement window.....	26
Hinges, checking floor.....	31
Hinges, chest .....	20
Hinges, continuous .....	20
Hinges, counter .....	20
Hinges, floor spring.....	31
Hinges, flush .....	20
Hinges, folding screen.....	20
Hinges, full surface template.....	10
Hinges, garage.....	22 & 23
Hinges, gate .....	24
Hinges, Giesey casement.....	26
Hinges, gravity closing.....	28
Hinges, half mortise template.....	10
Hinges, half surface, light steel.....	16
Hinges, mirror .....	20
Hinges, off-set garage.....	23
Hinges, olive knuckle.....	10
Hinges, parliament .....	15
Hinges, piano .....	20
Hinges, pin .....	20
Hinges, pivot .....	20
Hinges, plate .....	21
Hinges, radio .....	20
Hinges, receding door.....	20
Hinges, refrigerator .....	18
Hinges, screw strap .....	21
Hinges, shutter .....	25
Hinges, Soss invisible.....	20
Hinges, special purpose.....	20
Hinges, spring .....	27
Hinges, spring jamb.....	30
Hinges, spring toilet door.....	28
Hinges, strap .....	21
Hinges, surface, fancy brass.....	17
Hinges, surface, light steel.....	16

	Page
Hinges, tee .....	21 & 22
Hinges, throw back.....	22
Hinges, trap door.....	20
Hods, brick and mortar.....	254
Hoes, mortar .....	254
Hoisting rope .....	145
Hoisting wheels .....	155
Hoists, chain .....	155
Holders and stops, door.....	97
Holders, card .....	112 & 113
Holders, door .....	98
Holders, door bar.....	104
Holders, spindle .....	48
Holders, toilet paper.....	49
Holders, tooth brush.....	49
Holders, tumbler .....	49
Hollow auger .....	298
Hooks and eyes, wire gate.....	63
Hooks and staples .....	63
Hooks, awning .....	193
Hooks, belt .....	243
Hooks, brass cabin door.....	63
Hooks, cant .....	250
Hooks, ceiling .....	121
Hooks, clothes line.....	192
Hooks, coat and hat.....	120
Hooks, coat, for round rails.....	124
Hooks, conductor .....	215
Hooks, display .....	192
Hooks, door holder .....	63
Hooks, fire pail .....	192
Hooks, flat steel with eyes.....	63
Hooks, grass .....	310
Hooks, hammock .....	193
Hooks, harness .....	192
Hooks, hat rack .....	122 & 123
Hooks, meat .....	193
Hooks, pipe .....	193
Hooks, pull down.....	442
Hooks, "S" .....	152
Hooks, screw .....	190 & 191
Hooks, sign .....	193
Hooks, sleeper .....	212
Hooks, toilet .....	29 & 121
Hooks, umbrella .....	192
Hose, fittings .....	237
Hose, rubber .....	237
Hose units .....	237
Hot cutter, blacksmiths.....	255
Hotel key hole plug.....	42
House door hangers.....	172
Hub for cylinder hole.....	43

## I

Indicator, speed .....	309
Inlets, sewer .....	229
Inserts, concrete .....	210
Inside corners .....	86
Insulator, hair .....	219
Invisible hinges .....	20
Iron cement .....	240
Irons, panel .....	87
Irons, porch post .....	214
Ironworkers locks .....	72

## J

Jack screws .....	251
Jacks .....	251
Jamb bolts .....	104
Jamb stops .....	96
Joint fasteners, corrugated.....	199
Joint raker .....	260
Jointers, bricklayers .....	260
Jointers, cement .....	261

Jointers, saw .....	281
Joist anchors .....	212
Joist hangers .....	215

## K

Key blanks .....	40 & 41
Key checks, brass .....	42
Key cutting machine .....	42
Key hole guards.....	42
Key plates, cabinet lock.....	79
Key plates, mortise lock.....	47
Key rings .....	42
Keys .....	40
Keystones, profile wood .....	311
Kick plates .....	91
Kneeler pivots .....	20
Knives, drawing .....	290
Knives, putty .....	242
Knives, scraping .....	242
Knob latches .....	35
Knob locks, mortise.....	36 to 39
Knob locks, rim.....	68
Knob parts .....	48
Knob roses .....	46
Knob screws .....	48
Knob spindles .....	48
Knob washers .....	48
Knobs, door .....	44 & 45
Knobs, door, glass.....	45
Knobs, drawer.....	114 to 117
Knobs, turn .....	47
Knockers, door, forged iron.....	9
Knockers, door, bronze.....	95
"Korker" screw anchors.....	211

## L

Lacers, belt .....	243
Lacing, belt .....	243
Ladders .....	157
Ladles, melting .....	235
Lamp black .....	217
Lamps .....	234
Lanterns .....	234
Latches, cupboard .....	74
Latches, elevator door.....	64 & 65
Latches, forged iron.....	8 & 9
Latches, garage sliding door.....	64
Latches, gate .....	24
Latches, handle .....	62
Latches, mortise .....	35
Latches, rim night.....	66 & 67
Latches, screen door.....	50
Latches, sliding door.....	64
Latches, spring gate, keyed.....	72
Latches, throw over.....	63
Latches, thumb .....	62
Latches, toilet .....	29
Latches, truck cab .....	62
Latches, wardrobe .....	74
Lath, metal .....	213
Lawn mowers .....	310
Lawn rollers .....	310
Lawn sprinklers .....	237
Lead headed nails .....	199
Lead, plumbers white.....	219
Lead screw anchors.....	211
Lead washers .....	199
Lead wool .....	219
Leather belt .....	243
Leather handles .....	118
Letter box plates .....	92
Letter boxes .....	93
Lettered plates .....	90
Letters .....	99
Letters, steel stamping.....	307
Leveling instruments .....	274



## GENERAL INDEX—(Continued)

## L—(Continued)

	Page
Levels .....	275
Lever handles, bronze.....	46
Lever handles, forged iron.....	9
Lid supports .....	19
Lift bar, forged iron.....	9
Lifters, transom .....	132
Lifts, sash .....	140 & 141
Line cleats .....	154
Lines, chalk and masons.....	216
Lines, small braided.....	216
Lines, wire clothes.....	145
Links, chain repair.....	152
Links, fusible .....	152
Liquid for door checks.....	32
Load binders .....	250
Lock information .....	4 & 5
Lock mortisers .....	303
Lock parts .....	43
Lock springs .....	43
Lock strikes .....	42
Locker locks .....	72 & 73
Locks, car window.....	138
Locks, chest .....	77
Locks, class room .....	39
Locks, cupboard .....	74
Locks, cylinder .....	43
Locks, desk .....	76
Locks, drawer .....	75
Locks, elevator door, sliding.....	64 & 65
Locks, emergency .....	37
Locks, exit door .....	39
Locks, French door mortise.....	37
Locks, front door.....	38
Locks, furniture .....	79
Locks, garage sliding door.....	64 & 65
Locks, grille .....	72
Locks, handle sets.....	38
Locks, locker .....	72 & 73
Locks, machine .....	79
Locks, mortise dead.....	70 & 71
Locks, mortise inside.....	36
Locks, mortise, turn knob.....	37
Locks, rim dead.....	69
Locks, rim knob.....	68
Locks, showcase .....	76
Locks, side sash.....	138
Locks, sliding door.....	64 & 65
Locks, sliding door, mortise.....	39
Locks, store door.....	39
Locks, sub-treasury .....	72 & 73
Locks, suitcase and tool box.....	78
Locks, trunk .....	78
Locks, vestibule door.....	38
Locks, wardrobe .....	73
Locks, wire and ironworkers.....	72
Log chains .....	143
Loops, mantel .....	193

## M

Machine locks .....	79
Machines, key cutting.....	42
Mail boxes .....	93
Mallets .....	277
Man-hole frames and covers.....	229
Manilla rope .....	145
Mantle loops .....	193
Marking brushes .....	217
Marking pots .....	217
Masonry nails .....	199
Masons plumbs and levels.....	260
Mattocks .....	257
Mauls .....	256
McKinney forged iron hardware.....	8 & 9
Measures, for liquids.....	236
Meat hooks .....	193

	Page
Melting ladles .....	235
Melting pots .....	235
Mending plates .....	87
Metal polish .....	241
Milk and package receiver.....	227
Mineral wool .....	219
Mirror hinges .....	20
Mirror plates .....	193
Mirror toilet screws.....	117
Mitre boxes .....	265
Mitre rods, plasterers.....	260
Money drawers .....	217
Mop wringers .....	238
Mops .....	238
Mortar hoes .....	254
Mortise bolts .....	105
Mortise dead locks.....	70 & 71
Mortise latches .....	35
Mortise locks, inside.....	36
Mortisers, lock .....	303
Mover, car .....	250
Mowers, lawn .....	310

## N

Nail claws .....	217
Nail collars .....	200
Nail grips .....	217
Nail pullers .....	217
Nail sets .....	307
Nails, clout .....	199
Nails, cut .....	200
Nails, roofing .....	198
Nails, stay .....	193
Nails, upholsterers .....	195
Nails, wire.....	196, 197 & 198
Name plates .....	113
Neck bolts .....	105
Netting, poultry .....	221
Night latches, rim.....	66 & 67
Nippers .....	271
Nozzles .....	237
Numbers, house .....	99
Nuts .....	207
"Nuway" roller track.....	163

## O

Oakum .....	219
Off-set hinges, garage.....	23
Office partition door hangers.....	164
Oil .....	241
Oil cans .....	236
Oilers .....	241
Oily waste cans.....	236
Olive knuckle paumelles.....	10
Openers, electric door.....	94
Operators, sash .....	133
Operators, sky light.....	133
Outside corners .....	86
Overhead carrying systems.....	185

## P

Package and milk receiver.....	227
Padlock eyes .....	85
Padlocks.....	80 to 83
Pails, fire .....	235
Pails, galvanized .....	236
Paint, graphite .....	219
Painting butts .....	10
Panic or exit bolts.....	100 & 101
Panel irons .....	87
Paper, asbestos .....	219
Paper bags .....	217

	Page
Paper burners .....	233
Paper, flint or sand.....	247
Paper, garnet .....	246
Paper, wrapping .....	217
Papers, sheathing .....	218
Parallel door bolts.....	104
Parallel partition door hangers.....	165
Parallel sliding door hangers.....	176
Parliament butts .....	15
Parlor door hangers.....	172
Partition, toilet, hardware.....	29
Parts, cylinder .....	43
Parts, knob .....	48
Parts, lock .....	43
Paumelles .....	10
Pencils, carpenters .....	309
Piano hinges .....	20
Pick mattocks .....	257
Picks, clay .....	257
Picks, stone .....	256
Picture molding .....	213
Pillow blocks .....	243
Pin hinges .....	20
Pins, brass escutcheon.....	199
Pins, carpet .....	155
Pins, cotter .....	238
Pins, cylinder .....	43
Pins, drift .....	255
Pins, Moore glass push.....	195
Pipe hooks .....	193
Pipe straps .....	193
Pipe tools .....	267
Pitch .....	219
Pivot hinges .....	20
Pivot spring hinges.....	24 & 28
Pivots, kneeler .....	20
Pivots, sash .....	129
Plane irons .....	288 & 289
Planes, bench .....	288
Planes, block .....	286
Planes, rabbet .....	286
Planes, special .....	287
Plate hinges .....	21
Plates, kick .....	91
Plates, letter box.....	92
Plates, lettered, "Push" and "Pull".....	90
Plates, mending .....	87
Plates, mirror or picture.....	193
Plates, push .....	90
Plates, sash pull.....	142
Plates "T" .....	87
Pliers .....	270 & 271
Plug, hotel key hole.....	42
Plugs, wall .....	212
Plumb bobs .....	277
Plumbers box .....	226
Plumbs and levels, carpenters.....	275
Plumbs and levels, masons.....	260
Points, automatic drill.....	301
Points, glaziers .....	242
Points, stone cutters.....	256
Points, trammel .....	309
Points, veneer or panel.....	199
Poles, sash .....	142
Polish, metal .....	241
Porch column bases.....	214
Porch post irons.....	214
Porch swing chains.....	143
Post bases and caps.....	214
Post hole diggers.....	222
Posts, clothes line.....	222
Posts, steel fence.....	222
Pots, fire .....	235
Pots, glue .....	240
Pots, marking .....	217
Pots, melting .....	235
Poultry netting .....	221



## GENERAL INDEX—(Continued)

## P—(Continued)

	Page
Presses, post drill.....	302
Pruners, tree.....	310
Pruning hook and saw.....	283
Pruning shears.....	310
"Pull-Easy" nail collars.....	200
Pullers, nail.....	217
Pulley sheaves.....	152
Pulleys, ceiling.....	153
Pulleys, clothes line.....	152
Pulleys, electric light.....	154
Pulleys, hoist door.....	152
Pulleys, hot house.....	153
Pulleys, round belt.....	243
Pulleys, sash.....148 to	151
Pulleys, screw.....	153
Pulleys, side.....	153
Pulleys, tackle.....	154
Pulleys, upright.....	153
Pulls and card holders.....	112
Pulls, door.....	88
Pulls, door, forged iron.....8 & 9	
Pulls, drawer.....108 to	112
Pulls, flush.....	88
Punch, channel.....	255
Punches, backing out.....	255
Punches, belt.....	307
Punches, machinists.....	307
Punches, saddlers.....	307
Punches, sheet metal.....	210
Push buttons.....8, 9, 52 to 59 & 95	
Push pins.....	195
Push plates.....52 to 59 & 90	
Putty.....	242
Putty knives.....	242

## Q

Quadruple bits.....	148
Quintuple bits.....	148

## R

Racking cocks.....	237
Racks, hay.....	228
Racks, swinging towel.....	49
Radio hinges.....	20
Railroad track door hardware.....	184
Rakes.....	254
Ratchets, drilling.....	298
Reamers.....	306
Reamers, pipe.....	267
Receding door hinges.....	20
Receiver, milk and package.....	227
Reels, chalkline.....	216
Refrigerator fasteners.....	19
Refrigerator hinges.....	18
Regent design.....	56
Registers.....	225
Residence handle sets.....	60
Rests, shelf.....	127
Revere design.....	59
Revolving table.....	243
Riddles.....	254
Rim dead locks.....	69
Rim knob locks.....	68
Rim night latches.....66 & 67	
Rings and covers.....	226
Rings.....	189
Rings, cylinder.....	43
Rings, flue.....	233
Rings, flush.....	118
Rings, key.....	42
Rivet buster.....	255
Rivet sets.....	307
Rivet tongs.....	255
Rivets.....	209

	Page
Rods, stay and truss.....	205
Rods, stove.....	208
Rods, threaded.....	208
Roll paper holders and cutters.....	217
Rollers, cement dot.....	260
Rollers, factory sash.....	150
Rollers, glass door.....	163
Rollers, lawn.....	310
Rollers, sash.....	163
Rollers, stay or guide.....	186
Rolling ladders.....	157
Roof coatings.....	219
Roofing.....	218
Roofing brushes.....	219
Roofing folding brackets.....	251
Rope.....	145
Roses, knob.....	46
Round track and hangers.....	173
Rubber bumpers.....	96
Rug fasteners.....	195
Rules.....272 & 273	
Rural mail boxes.....	93

## S

Safety hasps.....	85
Safety stove pipe sleeves.....	233
Salamanders.....	233
Salts, soldering.....	240
Sand paper.....	247
Sash anti rattler.....	139
Sash balances.....	147
Sash centers.....128 & 129	
Sash chain.....	144
Sash cord.....	145
Sash cord fasteners.....	145
Sash dowels.....	199
Sash fasteners.....	137
Sash frames, cellar.....	227
Sash lift and lock.....	141
Sash lifts.....140 & 141	
Sash operator.....	133
Sash pins.....	139
Sash pole hangers.....	142
Sash pole hooks.....	142
Sash poles.....	142
Sash pull plates.....	142
Sash pulleys.....148 to 151	
Sash rollers.....	163
Sash rollers, factory.....	150
Sash weights.....	146
Saw handles.....	284
Saw tools.....	281
Saws, back.....	283
Saws, band.....	284
Saws, circular.....	284
Saws, compass.....	283
Saws, coping.....	283
Saws, cross cut.....	284
Saws, dovetail.....	283
Saws, flooring.....	283
Saws, hack.....	285
Saws, hand.....	282
Saws, keyhole.....	283
Saws, plumber.....	283
Scaffold folding brackets.....	251
Scales.....	250
Scoops.....	252
Scoops, furnace.....	253
Scrapers.....	291
Scrapers, box.....	217
Scrapers, drag.....	254
Scrapers, sidewalk.....	253
Scraping knives.....	242
Screen corner brackets.....	87
Screen door braces.....	87
Screen door checks.....	32

	Page
Screen door guards.....	22
Screen door latches.....	5
Screen door hangers.....	2
Screen or sash adjusters.....	2
Screen or sash fasteners.....	2
Screen springs.....	3
Screen wire cloth.....	22
Screw drivers.....	30
Screw extractors.....	26
Screw eyes.....	18
Screw hoist.....	15
Screw hooks.....190 & 19	
Screw plates.....	26
Screw strap hinges.....	2
Screws, bench.....	26
Screws, cap.....	20
Screws, hand.....	26
Screws, hand saw.....	28
Screws, jack.....	25
Screws, knob.....	4
Screws, lag.....	20
Screws, lock.....	4
Screws, machine.....	20
Screws, mirror or toilet.....	11
Screws, press.....	26
Screws, set.....	20
Screws, sheet metal.....	21
Screws, thumb.....	20
Screws, wood.....	20
Scribers.....	29
Scrub brushes.....	23
Scuppers.....	22
Scutches, bricklayers.....	25
Scythes.....	31
Secret gate latches.....	2
Sectional handle sets.....	6
Seed, grass.....	31
Sets, bathroom glass knob.....	4
Sets, bathroom metal knob.....	5
Sets, carving tools.....	29
Sets, cellar window.....	2
Sets, French window.....	50
Sets, garage hinged hardware.....	2
Sets, garage latch.....	6
Sets, garage lock.....	6
Sets, glass knob lock.....	4
Sets, mortise locks.....50 to 6	
Sets, nail.....	30
Sets, rim lock.....	6
Sets, rivet.....	30
Sets, saw.....	28
Sets, sectional handle.....	6
Sets, store door lock.....60 & 6	
Sewer braces.....	25
Sewer inlets.....	22
Sewer pipe gratings.....	22
Shafting hangers.....	24
Sharpening stones.....	24
Shaves, spoke.....	29
Shears, grass.....	31
Shears, hedge.....	31
Shears, pruning.....	31
Sheathing papers.....	218
Sheaves and track.....	167
Sheaves, pulley.....	157
Sheaves, sliding door.....	163
Sheet metal screws.....	210
Shelf brackets.....	127
Shelf rests.....	127
Shellac.....	241
Shelves, glass.....	45
Shields, expansion.....210 & 211	
Shingles.....	218
Shovels.....252 & 253	
Shovels, snow.....	252
Showcase locks.....	76
Shutter bars.....	25



## GENERAL INDEX—(Continued)

## S—(Continued)

	Page
Shutter bolts .....	104
Shutter fasteners.....	25
Shutter hardware.....	25
Shutter hinges.....	25
Shutter holders.....	25
Shutter turnbuckles.....	25
Shutter worker.....	25
Side sash locks.....	138
Sidewalk doors.....	226 & 227
Sidewalk scrapers.....	253
Sieves or riddles.....	254
Sign hooks .....	193
Sill borer.....	297
Single acting spring hinges.....	30
Sink parts.....	228
Sinks .....	228
Sizing tool, turners.....	292
Skids .....	250
Sky light operators.....	133
Slaters cement .....	219
Slaters tools .....	258
Sledges .....	256
Sleeper hooks .....	212
Sleeves, stove pipe safety.....	233
Slides, desk .....	19
"Slide Tite" garage door hardware.....	182 & 183
Sliding door bolts.....	104
Sliding door guides.....	186
Sliding door latches.....	64
Sliding door locks.....	64 & 65
Sliding door sheaves.....	163
Sliding door stops.....	186
Sliding folding garage hangers.....	180 to 183
Slips, sharpening .....	247
"Slydasyde" door hangers.....	177
Snapes .....	193
Snaths .....	310
Snips .....	285
Snow shovels .....	253
Soap dishes .....	49
Soap, Signet hand .....	241
Sockets, sash pull .....	142
Sockets, table leg.....	87
Sockets, window spring bolt.....	139
Solder .....	240
Soldering coppers .....	240
Soldering salts .....	240
Soot destroyer .....	241
Soss invisible hinges.....	20
Spades .....	252 & 253
Spades, concrete .....	253
Speed indicator .....	309
Spindle holders .....	48
Spindle and shank construction.....	44
Spindles, knob .....	48
Spoke shaves .....	290
Spoke trimmer .....	306
Spoiled wire .....	220
Spring balances .....	250
Spring hinges.....	27 to 31
Spring hinges, jamb.....	30
Spring hinges, pivot.....	24, 28 & 31
Spring hinges, toilet door.....	28
Springs, auxiliary .....	46
Springs, cylinder .....	43
Springs, door .....	34
Springs, door check.....	32 & 33
Springs, lock .....	43
Springs, potch swing.....	143
Springs, screen .....	34
Sprinklers, lawn .....	237
Sprinkling cans .....	236
Square bolts .....	104
Squares .....	276 & 277
Stack doors .....	230

	Page
Stage hardware .....	311
Stair gauge fixtures.....	277
Stanchions .....	214
Standards, toilet partition.....	29
Staples .....	194
Staples on plates.....	193
Star drills .....	258
Stay nails .....	193
Stay rollers .....	186
Stay and truss rods.....	205
Stays, desk .....	19
Stays, friction .....	131
Steel figures and letters.....	307
Steel square twisted.....	213
Steel wool .....	246
Stencil brushes .....	217
Sticks, yard .....	273
Stocks and dies.....	268
Stocks and dies, pipe.....	267
Stone pick .....	256
Stones, grind .....	248
Stones, sharpening .....	247
Stop bead screws and washers.....	139
Stops and holders, door.....	97
Stops, bench .....	263
Stops, door .....	96
Stops, sliding door.....	186
Store door hasps.....	84 & 85
Store door locks.....	39
Store door lock sets.....	60 & 61
Stove pipe sleeves, safety.....	233
Stove rods .....	208
Strainers, conductor .....	215
Strand, wire .....	145
Strap ears .....	193
Strap hinges .....	21
Strapping, box .....	217
Straps, hinge, ornamental.....	8 & 9
Straps, hinge, plain plate.....	21
Straps, pipe .....	193
Stretchers, wire fence.....	222
Strikes, cabinet lock.....	79
Strikes, mortise lock.....	42
Strikes, toilet door.....	29
Strip, weather .....	187
Sub-treasury locks.....	72 & 73
Suitcase catches .....	78
Suitcase locks .....	78
Summer door hangers.....	25
Supports, lid .....	19
Surface bolts .....	102
Surface hinges, light steel.....	16
Swages, saw .....	281

## T

Table leg sockets.....	87
Table, revolving .....	243
Table top fasteners.....	87
Tacks .....	195
Tacks, double pointed.....	194
Tampers .....	257
Tap wrenches .....	268
Tape, adhesive .....	241
Tapes, measuring .....	274
Taps .....	263
Taps, pipe .....	267
"T" hinges .....	21 & 22
"T" plates .....	87
Tar .....	219
Theatrical hardware .....	311
Threaded rods .....	208
Three-in-One oil .....	241
Thresholds .....	91
Throw-over latches .....	63
Thumb screws .....	208

	Page
Thumb tacks .....	195
Ties, bale .....	220
Ties, wall .....	212
Timber braces .....	251
Timber carriers .....	250
Timber dollies .....	250
Toggle bolts .....	210
Toilet door hardware.....	29
Toilet or mirror screws.....	117
Toilet paper holders.....	49
Tongs, rivet .....	255
Tool bags .....	264
Tool box locks.....	78
Tool boxes .....	264
Tool chests .....	266
Tool holders with tools.....	308
Tooth brush holder.....	49
Torches .....	234 & 235
Towel bars.....	49
Track and hangers, sliding door.....	164 to 185
Track and sheaves.....	162
Trammel points .....	309
Transit .....	274
Transom catches .....	130 & 131
Transom chains .....	131
Transom eyes .....	131
Transom lifters .....	132
Trap door hinges.....	20
Traps, cess pool.....	228
Tray handles .....	117
Tree pruner .....	310
Trellis wire .....	222
Trimmers, spoke .....	306
Trip gongs .....	94
Triple bit .....	148
Trolley track brackets.....	174
Trolley track hangers.....	173 & 175
Trowels .....	259
Truck cab catches.....	62
Truck casters .....	161
Trucks, trolley .....	175
Trucks, warehouse .....	250
Trunk corners .....	77
Trunk locks .....	78
Trunk nails .....	199
Tubes, lead connecting.....	231
Tubular gas burner.....	233
Tumbler holders .....	49
Turn knobs .....	47
Turnbuckles .....	208
Turnbuckles, shutter .....	25
Turners sizing tool.....	292
Turns, cupboard .....	107
Turntable, automobile .....	185
Twine boxes .....	217
Twines .....	216
Twist drills .....	296
Twisted square steel.....	213

## U

Umbrella hooks .....	192
Upholsterers nails .....	195

## V

Veneer or panel points.....	199
Ventilating bolts .....	138
Ventilators .....	225
Vertical by-folding door hardware.....	184
Vises, hand .....	308
Vises, machinists .....	263
Vises, pipe .....	267
Vises, saw .....	281
Vises, woodworkers .....	263



## GENERAL INDEX—(Continued)

W					
	Page		Page		Page
Wall boxes .....	214	Weights, sash .....	146	Wire clothes lines .....	145
Wall case pulleys .....	152	Wheel barrows .....	254	Wire fence .....	223
Wall hooks .....	192	Wheel guards .....	227	Wire nails .....	196 to 198
Wall plugs .....	212	Wheels, grinding .....	248	Wire rope clamps .....	145
Wall ties .....	212	Wheels, hoisting .....	155	Wire, strand .....	145
Wardrobe hangers .....	164	"Whitco" casement hardware .....	135	Wood dowels .....	199
Wardrobe locks .....	73 & 74	Winches .....	155	Wood drawer knobs .....	117
Warwick design .....	58	Window guards .....	224	Wood planes .....	289
Washer cutter .....	309	Window spring bolts .....	139	Wool, lead .....	219
Washers .....	206	Window stop adjusters .....	139	Wool, mineral .....	219
Washers and bead screws .....	139	Window wedges .....	139	Wool, steel .....	246
Washers, knob .....	48	Windshield scuppers .....	227	Wrenches, construction .....	255
Waste .....	216	Wire .....	220	Wrenches, nut .....	269
Water shed track and hangers .....	173	Wire and ironworkers locks .....	72	Wrenches, pipe .....	267
Wax, floor .....	241	Wire, bell .....	94	Wrenches, tap .....	268
Weather-strip .....	187	Wire brads .....	198		
Wedges for stone and wood .....	256	Wire brushes .....	233		
Weight of sash .....	146	Wire cloth .....	221		
		Wire cloth staples .....	194		

## Y

Yard sticks .....	273
-------------------	-----



## Descriptive List of Hardware Finishes

### and Comparative Symbols of Leading Builders Hardware Manufacturers

in connection with  
The U. S. Government Standard Finishes

Japan, Galvanized and Bower Barff Finishes can be applied only to steel or iron. The other finishes here shown can be electroplated on steel, iron, brass or bronze.

Fort Pitt Hdw. Co.	Description of Finish	U. S. Govt.	McKinney Mfg. Co.	Stanley Works	Russell & Erwin	Reading Hdw. Co.	P. & F. Corbin Co.	Sargent and Co.	Yale & Towne	Norwalk Lock	Lockwood Mfg. Co.
<b>JAPAN FINISHES</b>											
	J—Bright Japanned.....	US1B	J	J	—	J	J	—	—	J	J
	DB—Dead Black Japanned.....	US1D	DB	J1	47	DJ	D	J	—	DJ	JF
<b>GALVANIZED FINISHES</b>											
	EG—Electro Galvanized.....	US2G	EG	—	—	GL	G	—	—	G	Z
	HG—Hot Galvanized.....	US2H	G	R	—	—	—	—	—	—	—
	SH—Sheradized.....	US2S	SH	Z	—	—	—	—	—	—	—
<b>BRASS FINISHES</b>											
	PB—Bright Brass.....	US3	BP	C	10	31	A or L	B	AZ10	1B	13½
	OB—Dull Brass.....	US4	OB	F	9	37	EA	OB	AY22	K	13
	OBR—Dull Brass, oxidized and relieved.....	US5	XB	F4	9C	371	KA	OE	AY21	K3	43
	OBRs—Sanded Brass, oxidized and relieved.....	US6	XBS	SF4	09C	33	SKA	RD	AX28	HK3	51
	OBRSP—Same, with raised ornamentation polished.....	US7	XBS	SF4	09B	333	2A	R7D	—	HK3L	45
<b>COPPER FINISH</b>											
	AC—Antique Copper.....	US8	AC	D2	7½	24	R	AB	CZ27	0	7½
<b>BRONZE FINISHES</b>											
	P.Bz.—Bright Bronze.....	US9	B	A	11	1	B or N	P	BZ10	1	1
	O.Bz.—Dull Bronze.....	US10	DE	A5	11D	7	DB	OP	BY22	DB	34
	OBz.R—Dull Bronze, oxidized and relieved.....	US11	DX	A4	11C	221	HB	O6P	BY21	DB3	23
	OBz.RS—Sanded, bronze, oxidized and relieved.....	US12	DXS	SA4	011C	223	SHB	RP	—	HDB3	36½
	OBz.RSP—Same, with raised ornamentation polished.....	US13	DXS	—	—	225	—	R8P	—	HDBL	36
<b>NICKEL FINISHES</b>											
	N—Polished Nickel.....	US14	N	N	4	80	E	N	NZ10	NP	5
	DN—Dull Nickel.....	US15	ND	N5	14	77	DE	LN	NY10	DN	90
	NS—Sanded Nickel.....	US16	NS	SN	—	78	SE	RN	NX10	HNP	5S
	NSP—Sanded Nickel, raised ornamentation polished.....	US17	NS	—	—	—	—	R7N	—	HNPL	5½
<b>"RUSTPROOF" BLACK</b>											
	BB—Bower Barff Dull.....	US18	BB	G	46	87	F	BB	FX80	R1	31
	EDB—Electro Dead Black.....	US19	EDB	H	47	87½	KF	BN	FX90	HW	6
<b>STATUARY FINISHES</b>											
	D St.Bz.—Dark Statuary Bronze.....	US20	YD	B	2	2	KB	A	BY65	2	—
	D St.Bz.S—Sanded Dark Statuary Bronze.....	US21	YDS	SB	02	—	SKB	RA	BX12	H2	—
	VA—Verde Antique Dull.....	US22	V	V	32	94	V	VA	BX67	VA	85
<b>SILVER FINISH</b>											
	DS—Dull Silver, oxidized and relieved.....	US23	SP	E4	8C	48	KS	LS	SY52	BS	72
<b>GOLD FINISH</b>											
	DG—Dull Gold.....	US24	GP	—	19D	57	DG	G	GY10	T	—
<b>WHITE METAL</b>											
	W Bz.—White Bronze, polished.....	US25	WD	NM	44	—	NK	EM	NZ40	NM	95

### Suggestions and Information for the Placing of Orders

If your mail order does not contain all of the required information, the order is necessarily delayed until the information can be obtained.

#### DO NOT FORGET TO STATE CLEARLY:

Who to ship to	Quantity
Where to ship	Catalogue number
By what route to ship	Size
When to ship	Finish. Write our finish symbol after the number.
Your name and address	Hand, if handed

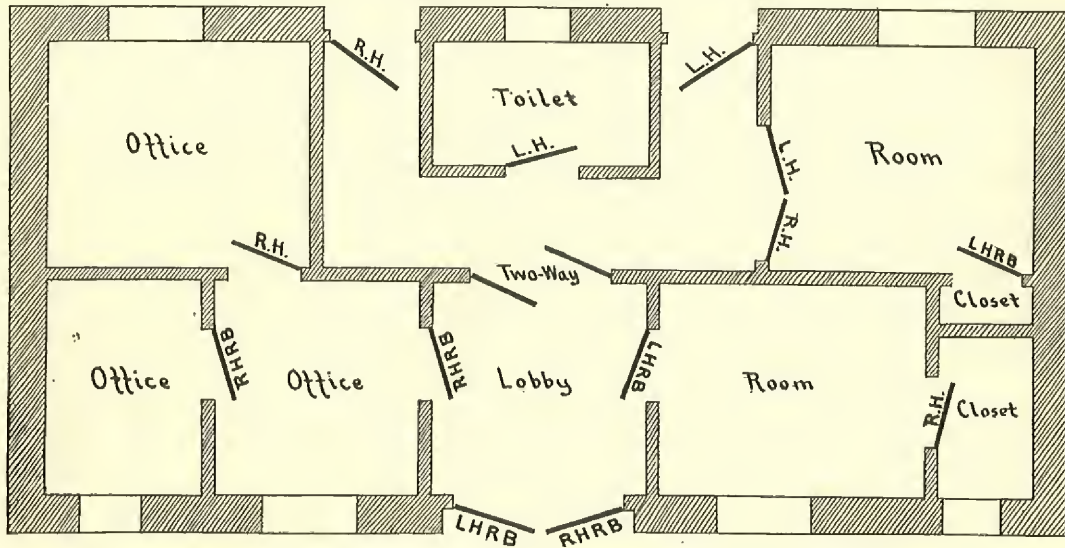
In giving dimensions of hardware the custom is to state the Height first. The Backset of a lock is the distance from the face to the center of the knob or keyhole. The Spacing of a lock is the distance from the center of the knob to the center of the keyhole or to the exact center of the cylinder.

Customers goods sent in to us should always be tagged with sender's name and address, and should be accompanied with instructions as to what is to be done with the goods. Freight or express charges should always be prepaid on such shipments.



## Hand of Doors to Rooms and Closets

Hand of doors is taken from the Outside, that is, standing on the outside of the building for Entrance Doors, on the Corridor or hall side for Office and Room doors, on the room side for Closet doors, etc. The hand of door between rooms is taken from the outer room or on the outside of the room to be locked. The hand has reference to the side on which the door is hinged.



Key: R. H., Right Hand. L. H., Left Hand.

R. H. R. B., Right Hand Reverse Bevel. L. H. R. B., Left Hand Reverse Bevel.

## CABINET DOORS

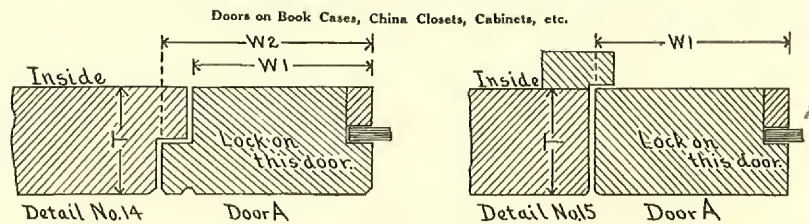
Hand of Cabinet Doors



Left Hand

Right Hand

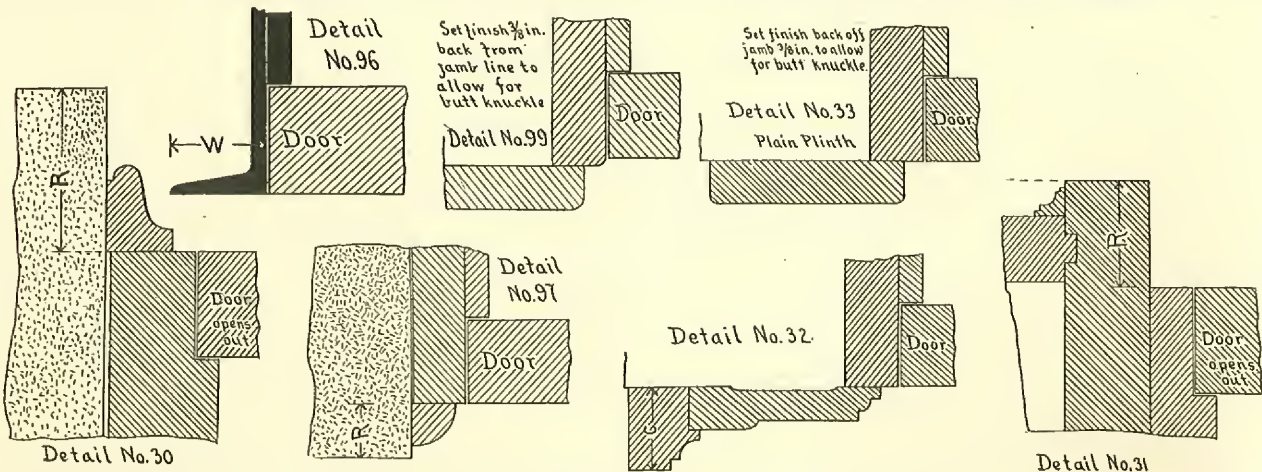
Cross Sectional View of Cabinet Door Lock Stiles



When ordering locks for Book Cases, China Closets or other Cabinet Doors, state distance at T, W1 and W2, and hand of door on which lock is to be applied.

## How to Determine Proper Size Butt Hinges to Use

In specifying butt hinges, two dimensions are to be considered, the thickness of the door and the reveal or projection around which door must swing. Cross sectional drawings below show some of the common conditions encountered. Sometimes other conditions or obstructions have to be taken into consideration, such as wainscoat cap, floor cove or thick plinth block. Where mould or plain finish is set very nearly flush with face of jamb a butt wide enough for the knuckle to clear the finish should be used so as to avoid cutting out the finish. Sometimes the use of very wide butts can be avoided by using a floor stop which will stop the door before the obstruction is met. The height of a butt hinge is the first dimension given.



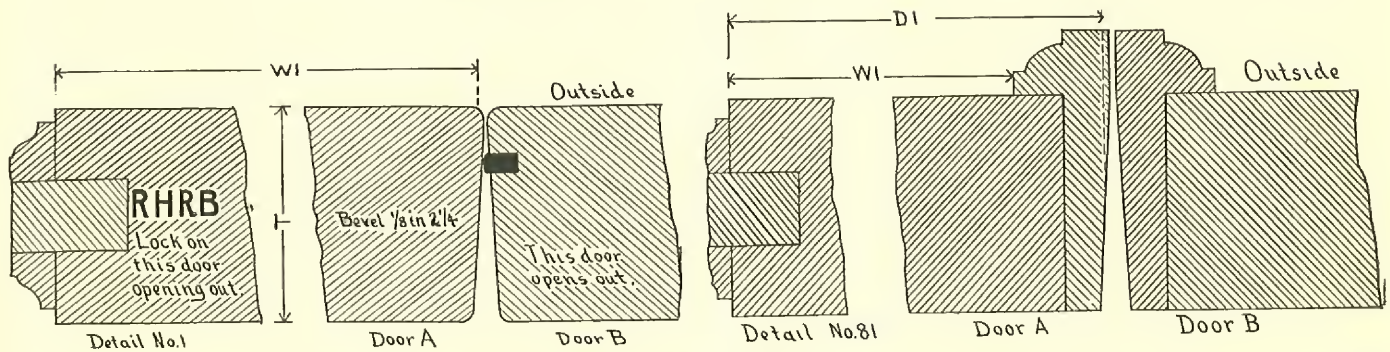
In referring to these drawings use detail number, give thickness of door and distance on the line indicated by capital letter.



## DOOR STILE INFORMATION

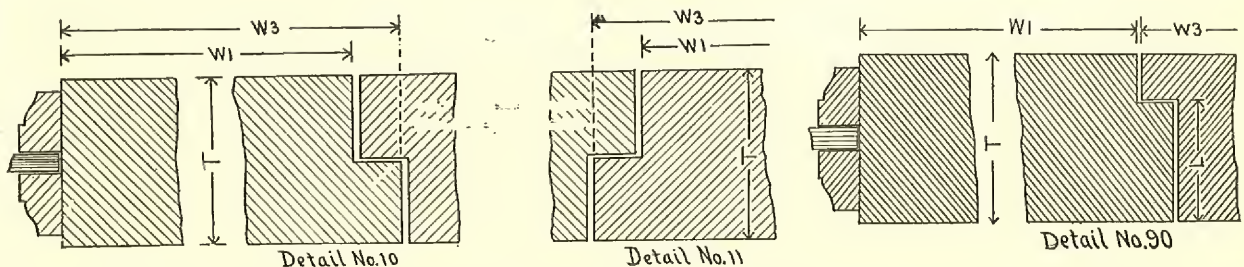
Locks when ordered with beveled fronts have face set regularly to a bevel of  $\frac{1}{8}$  inch in 2 inches. If door is at any other bevel, state thickness of door and amount of bevel.

### PUBLIC ENTRANCE DOORS



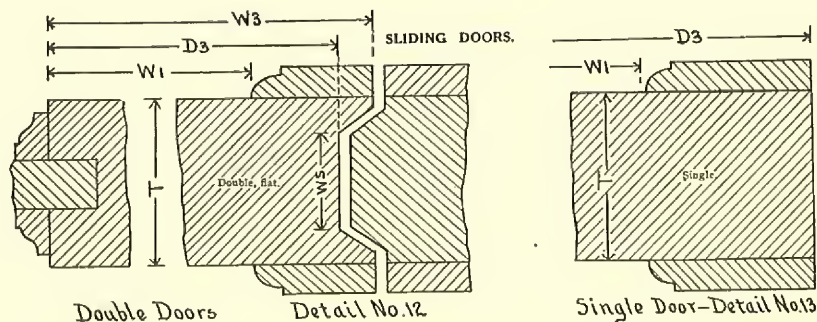
Details Nos. 1 and 81 show two ways of making middle stiles of a pair of entrance or vestibule, outward opening doors where it is desired to use both doors at all times. There being no overlapping astragal the doors can be operated independently without interference. In detail No. 1 the heavy black mark represents a piece of heavy felt inserted in the edge of the door. It is inconspicuous and can be readily replaced. This arrangement of doors equipped with Door Checks and with Push Plates and Door Pulls or with Panic Bolts (see page 101), is the ideal arrangement for entrance doors to schools, churches and other public buildings.

### RABBETED DOORS



Locks with Rabbeted fronts are made with  $\frac{1}{2}$  inch rabbet. When ordering locks for rabbeted doors send sketch showing distances at T, W1 and W3 and indicate which way doors are rabbeted. Rabbeted locks are made Right and Left hand and are not reversible. Please note that a special offset rabbet as shown in detail No. 90 permits the use of a regular flat face lock.

### SLIDING DOORS



When ordering locks for sliding doors, state distance at T, W5, W1, D3 and W3.



## CONTRACT DEPARTMENT

We maintain a Contract Builders Hardware Department fully equipped to take care of the requirements of any type of building. We represent the Russell & Erwin Manufacturing Company, the pioneer makers of Builders Hardware of the country. To Russwinize is to economize.

In our Display Room, we show samples of complete lines of Art Hardware. When visiting our store for purpose of making selections and securing estimates, please bring plans and specifications. Our salesmen make lump price from plans which simplifies and saves the customer time and detail.

Following is a list of some of the larger buildings we have equipped throughout the country which will give evidence of the type of work we do.

### OFFICE BUILDINGS

The Atlantic Building.....	Philadelphia, Penna.
The Citizens Bank.....	Uniontown, Penna.
Fullaytar Realty Co. Bldg.....	Pittsburgh, Penna.
Jr. O. U. A. M. Building.....	Pittsburgh, Penna.
Physicians' Land Co. Bldg.....	Pittsburgh, Penna.
Union Arcade.....	Pittsburgh, Penna.

### SCHOOL BUILDINGS

Avalon High School.....	Avalon, Penna.
Ambridge Jr. High School.....	Ambridge, Penna.
Henry Clay Frick Training School.....	Pittsburgh, Penna.
Benjamin Franklin High School.....	Uniontown, Penna.
Holy Cross School.....	New York, N. Y.
Lafayette Jr. High School.....	Uniontown, Penna.
Midland High School.....	Midland, Penna.
Schenley High School.....	Pittsburgh, Penna.
Woodlawn High School.....	Woodlawn, Penna.

### CHURCHES

Dormont Presbyterian.....	Dormont, Penna.
First Presbyterian.....	Grove City, Penna.
Luther Memorial.....	Erie, Penna.
Mt. Lebanon Methodist.....	Mt. Lebanon, Penna.
St. Anslem's.....	Swissvale, Penna.
St. Gregory's.....	Chicago, Ill.
St. Joseph's Cathedral.....	Wheeling, W. Va.

### RESIDENCES

Marcus Aaron.....	Pittsburgh, Penna.
A. R. Budd.....	Pittsburgh, Penna.
Harry Dangerfield.....	Pittsburgh, Penna.
F. W. Henninger.....	Pittsburgh, Penna.
J. C. Roush.....	Mt. Lebanon, Penna.
A. C. Vicary.....	Erie, Penna.
Ledlie W. Young.....	Edgeworth, Penna.
J. I. Mendelson.....	Pittsburgh, Penna.
Shadyside Pres. Parsonage.....	Pittsburgh, Penna.

### HOSPITALS

Cambria Steel Co. Hospital.....	Johnstown, Penna.
Mercy Hospital.....	Pittsburgh, Penna.
Torrance State Hospital.....	Torrance, Penna.
Mercy Hospital.....	New Castle, Penna.

### MISCELLANEOUS BUILDINGS

Allegheny County Home Bldgs.....	Woodville, Penna.
Atlantic Refining Co. Service Stations.....	Principal Cities New England & Penna.
Joseph Horne Store Bldg.....	Pittsburgh, Penna.
Kelly-Springfield Tire Co.....	Cumberland, Md.
Longue Vue Country Club.....	Pittsburgh, Penna.
Lewis A. Park Estate.....	Sewickley Heights, Penna.
Pittsburgh Field Club.....	Pittsburgh, Penna.
Y. M. & W. H. A. Building.....	Pittsburgh, Penna.



## RUSSWIN (RUSSELL & ERWIN)

### Cast Bronze Designs for Fine Buildings

These designs and many others are made up to order and are furnished in sizes suitable for various types of locks and in appropriate finishes.



Granby



Ardsley



Arden  
(Sectional)



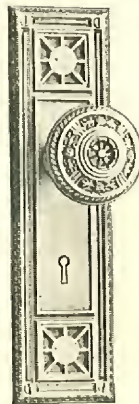
Monica



Clinton



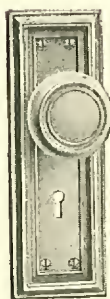
Toulon



Hadrian



Lancaster



Niantic



La Londe



Carlton

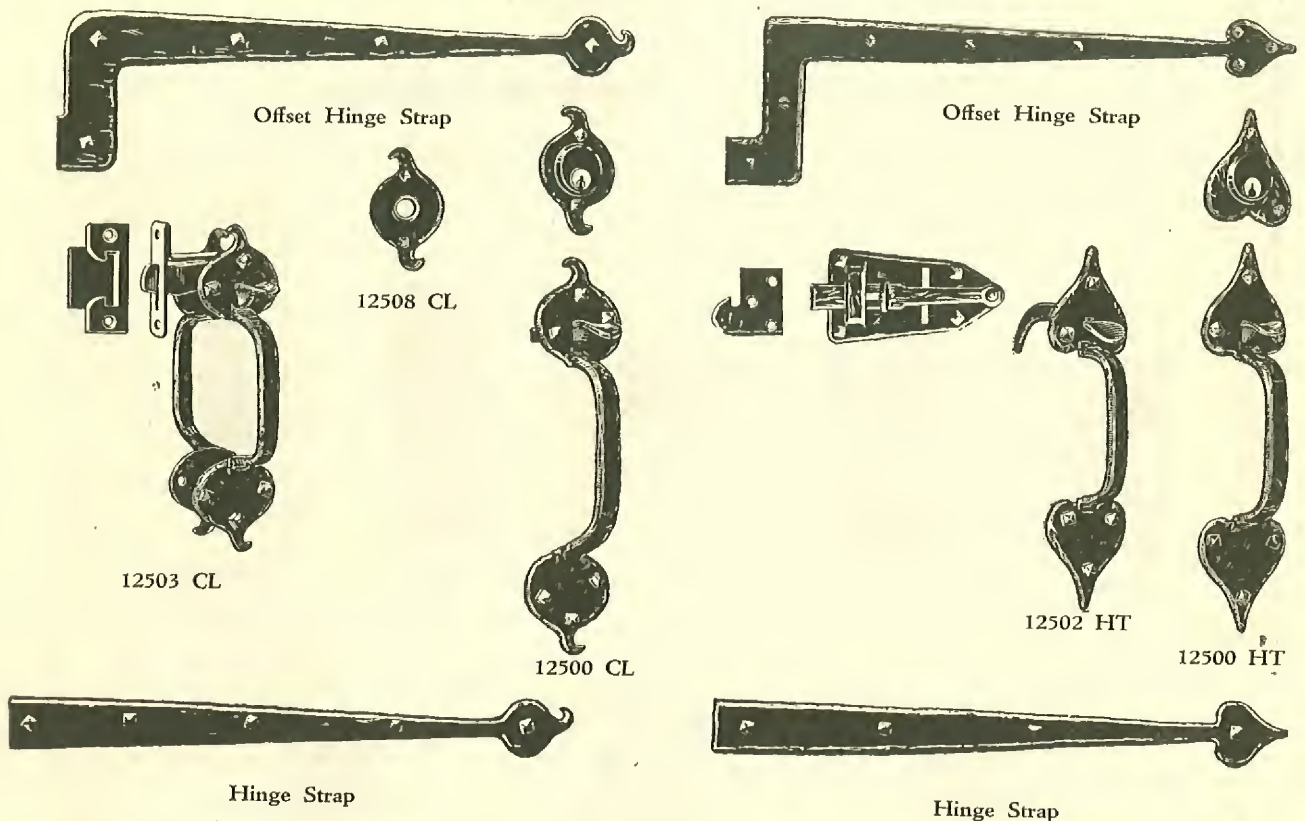


Alamo

Booklet or information in regard to special designs supplied on request.



## McKINNEY FORGED IRON HARDWARE



Authentic Mediaeval and Colonial designs in Hammered Iron Hardware. Heat treated with zinc to prevent rust and then finished in any of three ways: DB, Finish, Dead Black Iron. K, Finish, Relieved Iron, known as Grey Iron, Flemish Iron, Swedish Iron and Half Polished Iron. KR, Finish, Rusty Iron, has a slight reddish brown cast like rusty iron.

All packed with the Square Head Stud Screws.

## CURLEY LOCK DESIGN

No.	Description	Size Inches	Per Set
12500	CL Entrance Handle $10\frac{3}{4} \times 2\frac{3}{4}$ " with thumb piece and cylinder rosette $3\frac{1}{2} \times 2\frac{1}{4}$ " for outside of door		\$ 6.25
12502	CL Rim Latch Set as 12502 HT opposite side of page. Handle $8\frac{1}{4} \times 2\frac{3}{8}$ ". Latch is $2\frac{1}{2} \times 4\frac{3}{8}$ ". Backset $2\frac{1}{2}$ "		6.25
12503	CL Mortise Latch Set. Handles $8\frac{1}{4} \times 2\frac{3}{8}$ ". Latch front $3 \times \frac{3}{4}$ ". Backset $2\frac{1}{2}$ "		7.50
No.	Description	Size Inches	Each
12504	CL Latch Handle	$10\frac{3}{4} \times 2\frac{3}{4}$ "	\$ 5.65
12505	CL Latch Handle	$8\frac{1}{4} \times 2\frac{3}{8}$ "	4.45
12506	CL Door Pull	$10\frac{3}{4} \times 2\frac{3}{4}$ "	5.50
12507	CL Door Pull	$8\frac{1}{4} \times 2\frac{3}{8}$ "	4.10
12508	CL Push Button	$3\frac{1}{2} \times 2\frac{1}{4}$ "	1.90
12509	CL Straight Hinge Strap	22 x $1\frac{3}{4}$ "	3.15
12510	CL Straight Hinge Strap	$18\frac{1}{2} \times 1\frac{3}{4}$ "	2.80
12804	CL Straight Hinge Strap	14 x $1\frac{3}{8}$ "	1.90
12511	CL Offset Hinge Strap	22 x $1\frac{3}{4}$ "	5.00
12806	CL Offset Hinge Strap	14 x $1\frac{3}{8}$ "	3.75

## HEART DESIGN

No.	Description	Size Inches	Per Set
12500	HT Entrance Handle $11 \times 2\frac{3}{4}$ " with thumb piece, and cylinder rosette $3\frac{1}{4} \times 2\frac{3}{4}$ " for outside of door		\$ 6.25
12502	HT Rim Latch Set $9 \times 2\frac{3}{8}$ ". Latch is $2\frac{1}{2} \times 4\frac{5}{8}$ ". Backset $2\frac{1}{2}$ "		6.25
12503	HT Mortise Latch Set as 12503 CL opposite side of page. Handles $9 \times 2\frac{3}{8}$ ". Latch front $3 \times \frac{3}{4}$ ". Backset $2\frac{1}{2}$ "		7.50
No.	Description	Size Inches	Each
12504	HT Latch Handle	11 x $2\frac{3}{4}$ "	\$ 5.65
12505	HT Latch Handle	9 x $2\frac{3}{8}$ "	4.45
12506	HT Door Pull	11 x $2\frac{3}{4}$ "	5.50
12507	HT Door Pull	9 x $2\frac{3}{8}$ "	4.10
12508	HT Push Button	$3\frac{1}{4} \times 2\frac{3}{4}$ "	1.90
12509	HT Straight Hinge Strap	$22\frac{1}{4} \times 1\frac{3}{4}$ "	3.15
12510	HT Straight Hinge Strap	$18\frac{3}{4} \times 1\frac{3}{4}$ "	2.80
12804	HT Straight Hinge Strap	14 x $1\frac{3}{8}$ "	1.90
12511	HT Offset Hinge Strap	$22\frac{1}{4} \times 1\frac{3}{4}$ "	5.00
12806	HT Offset Hinge Strap	14 x $1\frac{3}{8}$ "	3.75

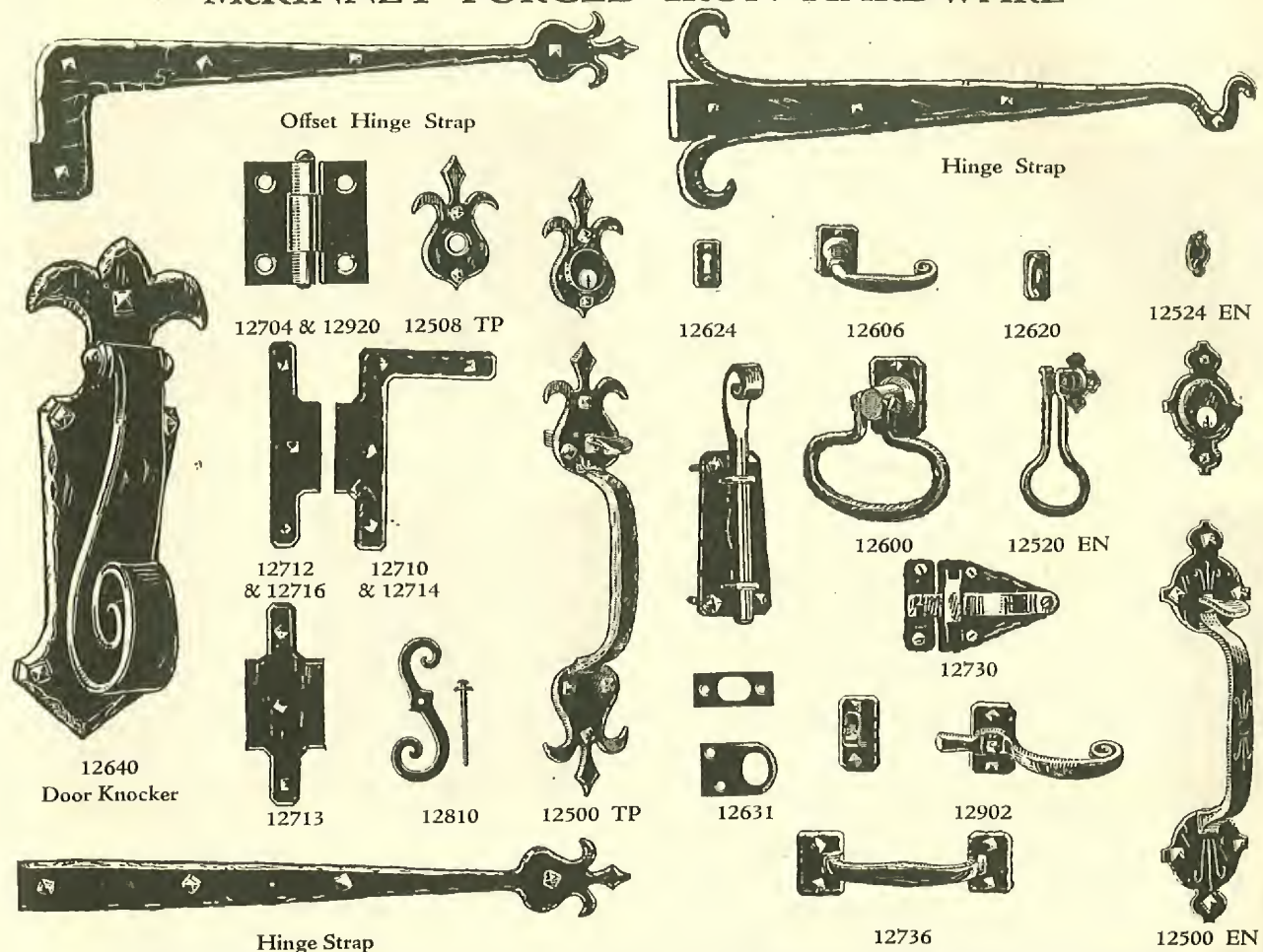
This hardware is reversible and the hand does not need to be specified. For Mortise Latches with drawback bolt suitable for use with Nos. 12504 and 12505 see Nos. 1016 and 1017, page 35. For cylinder locks suitable for use with No. 12500 Entrance Handles, see page 38 under heading CYLINDER LOCKS FOR HANDLES. For inside knob or handle and thumb piece the Forged Iron items on opposite page can be used or those shown on pages 43 to 47 inclusive.

The miscellaneous items shown on page 9 are suitable for use with these designs. Always prefix symbol of finish desired when ordering.

Packed one in a box with square head stud screws. McKinney Forged Iron Hardware booklet sent on request.



## McKINNEY FORGED IRON HARDWARE



## TULIP DESIGN Finishes are same as described on preceding page. ETRUSCAN DESIGN

No.	Description	Size Inches	Per Set
12500	TP Entrance Handle 12x2 $\frac{3}{4}$ " with thumb piece and cyl. rosette 3 $\frac{7}{8}$ x2 $\frac{3}{4}$ " for outside of door.....		\$6.25
12502	TP Rim Latch Set as 12502 HT on page 8, handle 10x2 $\frac{1}{2}$ ". Latch 2 $\frac{1}{2}$ x4 $\frac{3}{8}$ ". Backset 2 $\frac{1}{2}$ "		6.25
12503	TP Mortise Latch Set Handles 10x2 $\frac{1}{2}$ ". Latch front 2x3 $\frac{3}{4}$ ". Backset 2 $\frac{1}{2}$ "		7.50
No.	Description	Size Inches	Each
12504	TP Latch Handle	12 x2 $\frac{3}{4}$	\$ 5.65
12505	TP " "	10 x2 $\frac{1}{2}$	4.45
12506	TP Door Pull	12 x2 $\frac{3}{4}$	5.50
12507	TP " "	10 x2 $\frac{3}{4}$	4.10
12508	TP Push Button	3 $\frac{7}{8}$ x2 $\frac{3}{4}$	1.90
12509	TP Straight Hinge Strap	23 x1 $\frac{3}{4}$	2.15
12510	TP " "	19 $\frac{1}{2}$ x1 $\frac{3}{4}$	2.70
12804	TP " "	15 x1 $\frac{3}{8}$	1.90
12511	TP Offset " "	23 x1 $\frac{3}{4}$	5.00
12806	TP Offset " "	15 x1 $\frac{3}{8}$	3.75

No.	Description	Size Inches	Each
12500	EN Entrance Handle 9 $\frac{3}{4}$ x2 $\frac{1}{2}$ " with thumb piece and cylinder rosette 3 $\frac{1}{2}$ x2 $\frac{1}{4}$ " for outside of door.....		\$ 6.90

No.	Description	Size Inches	Each
12504	EN Latch Handle	9 $\frac{3}{4}$ x2 $\frac{1}{2}$	\$ 6.50
12506	EN Door Pull	9 $\frac{3}{4}$ x2 $\frac{1}{2}$	6.15
12509	EN Hinge Strap	23 x 1 $\frac{3}{4}$ x8	6.25
12804	EN " "	14 $\frac{1}{2}$ x 1 $\frac{3}{8}$ x5	5.00
12508	EN Push Button	3 $\frac{1}{2}$ x2 $\frac{1}{4}$	2.50
12520	EN Drop Handle	5 $\frac{1}{4}$ x3	6.90
12524	EN Thumb Piece	1 $\frac{3}{4}$ x1	1.90
12526	EN Escutcheon	1 $\frac{3}{4}$ x1	.65

For locks suitable for use with Tulip and Etruscan Designs see information at bottom of page 8.

## MISCELLANEOUS ITEMS

For use with any of McKinney Forged Iron Designs. Finishes same as described on preceding page.

No.	Description	Size Inches	Screws	Per Pr.
12704	Loose Pin Butt Hg.	2 x2	Flat Head	\$ .43
12704	" " " "	2 $\frac{1}{2}$ x2	" " "	.50
12920	" " " "	3 x3	" " "	.75
12922	Tight Pin Butt Hg.	3 x3	" " "	.88
No.	Description	Size Inches	Screws	Each
12710	L Hinge Plate	4 $\frac{1}{2}$ x3	Square Head	\$ 1.00
12714	" " " "	6 x4	" " "	1.15
12712	H " " "	4 $\frac{1}{2}$	" " "	.75
12716	" " " "	6	" " "	.88
12713	Inter. Hinge Plate	4 $\frac{1}{2}$ x1 $\frac{3}{4}$	" " "	1.00
12640	Door Knocker	8 $\frac{1}{2}$ x3 $\frac{1}{2}$	" " "	12.00
12616	Push Plate	10 x3	" " "	3.15
12810	Shutter Dog	8 x3 $\frac{1}{2}$	Lag Screw	1.70

No.	Description	Size Inches	Screws	Each
12600	Drop Handle	3 $\frac{1}{4}$ x4	Square Head	\$ 5.00
12606	Lever Handle	4" lever	" " "	5.00
12624	Key Plate	1 $\frac{3}{4}$ x1	" " "	.62
12620	Thumb Piece	1 $\frac{3}{4}$ x1	" " "	1.90
12730	Cabinet Latch	1 $\frac{1}{2}$ x2	Round Head	1.25
12902	Surface Case Fastener	2 x1 $\frac{1}{8}$	Square Head	3.75
12901	Mortise " "	2 x1 $\frac{1}{8}$	" " "	3.75
12900	Rim " "	2 x1 $\frac{1}{8}$	" " "	3.75
12736	Bar Lift	1 $\frac{1}{2}$ x5	" " "	1.90
12630	Surface Bolt	4 $\frac{1}{2}$ x1 $\frac{1}{2}$	" " "	1.90
12631	" " "	9 x2 $\frac{1}{4}$	" " "	3.15
12631	" " "	12 x2 $\frac{1}{4}$	" " "	3.75



# McKINNEY SPECIAL HINGES—Non Rising Pins

Made to Order on Short Notice

## MORTISE TEMPLATE STEEL BUTTS

### No. T2714



No. T2714

For attaching to steel jambs and doors. Holes drilled to U. S. Standard Template and butts packed with machine screws.

Furnished in plain finish, sheradized or any electro plated finish desired.

Made in the following sizes:

2 1/2 x 2 1/2"	5 x 3"
3 x 3"	5 x 4"
3 1/2 x 3 1/2"	5 x 5"
4 x 4"	6 x 5"
4 1/2 x 4 1/2"	

### No. T2768

Same as No. T2714 except has two ball bearing washers in knuckle of each hinge.



No. T2772

## BALL BEARING HALF MORTISE TEMPLATE STEEL HINGES

With Patent Roller Pins

### No. T2772

For attaching to steel jambs and doors. Holes drilled to U. S. Standard template and hinges packed with machine screws.

Both sizes have a 15/16" offset. The ball bearing washers are non-detachable and the non-rising pins are self lubricating.

Furnished in all of the electro plated finishes, and can be furnished sheradized before plating. Made in two sizes 4 1/2" high and 5" high.



No. T2771

## BALL BEARING FULL SURFACE TEM- PLATE—STEEL HINGES

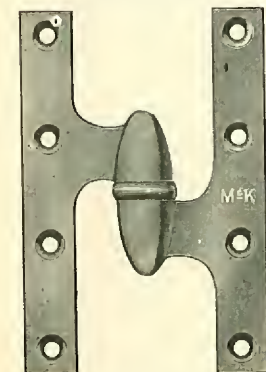
With Patent Roller Pins

### No. T2771

For attaching to steel jambs and doors. Holes drilled to U. S. Standard template and hinges packed with machine screws. The short leaf for the jamb has a 13/16" offset and the beveled door leaf has a 15/16" offset. Made right or left hand by reversing tip and pin.

Non-detachable ball bearing washers and non-rising pins.

Furnished in all of the electro plated finishes and can be furnished sheradized before plating. Made in two sizes: 4 1/2" high and 5" high.



Nos. 3783 and 3799

## OLIVE KNUCKLE PAUMEL- LES OR BUTTS

Strong, yet inconspicuous. Very desirable for French Doors and Windows and for cases.

Furnished in plain steel, sanded for painting, and in all of the electro plated finishes, sheradized if desired.

No. 3783, ball bearing.

Height	Width Open	Space Open
5"	3 1/4"	1 3/4"
6"	3 7/8"	2 1/4"

No. 3799, with solid steel washer for bookcases, cupboards and small sash:

Height	Width Open	Space Open
3"	2 5/8"	1 1/8"

McKinney Architects Hinge Hand Book sent on request.

## EXTRA HIGH GRADE STEEL BUTTS

### Button Tip No. 3790



No. 3790

This butt is brought to a high polish before plating. The inner edges of the leaves are beveled to a perfect fit about the knuckle. All parts are machined to exactness. Non-rising and self lubricating hardened steel pins. Furnished in all electro plated finishes and sheradized before plating if desired.

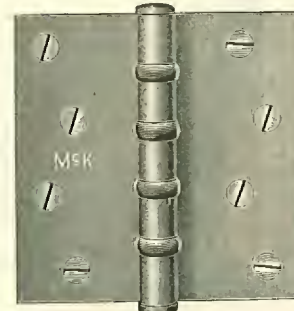
Made in the following sizes:

2 x 2"	4 x 4"
2 1/2 x 2 1/2"	4 1/2 x 4 1/2"
3 x 3"	5 x 5"
3 1/2 x 3 1/2"	6 x 6"

## BALL BEARING STEEL BUTTS

With Patent Roller Pins

### Button Tip No. 2795

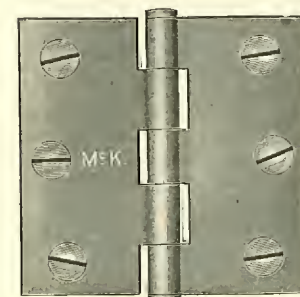


No. 2795

Equipped with four non-detachable ball bearing washers. For use on heavy doors. The button tips fit flush with the knuckles and the joints are in true alignment. Non-rising and self lubricating, hardened steel pins. Furnished planished or polished, plain or sheradized and in all of the electro plated finishes. Made in the following sizes:

4 x 4"	6 x 4"
4 1/2 x 4 1/2"	6 x 5"
5 x 5"	6 x 6"

## BUTTON TIP PLAIN STEEL BUTTS SANDED FOR PAINTING



Nos. 778 & 779

With special cut out or clearance between the barrel and the inner edge of the leaf. The sand finish makes just the right tooth to take the paint freely, evenly, and so it will stay.

### No. 779 Regular Weight

3 x 3"	4 1/2 x 4 1/2"
3 1/2 x 3 1/2"	5 x 5"
4 x 4"	6 x 6"

### No. 778 Light Weight

2 x 2"	2 1/2 x 2"	2 1/2 x 2 1/2"
--------	------------	----------------

### No. 793 Narrow Light Weight

2"	2 1/2"	3"
----	--------	----

## ASYLUM BUTTS

### No. 3788

### No Projecting Tips—Extra High Grade

For asylums, sanitariums, hospitals and other public buildings. The inner edges of the leaves are beveled and the corners and outer edges are ground clean and true. Highly polished before plating. Furnished in plain steel or sheradized before plating and in all electro plated finishes.

No. 3788, Ball Bearing.

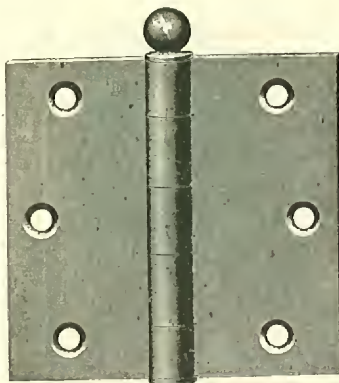
No. 3789, Plain Bearing.

3 x 3"	4 1/2 x 4 1/2"
3 1/2 x 3 1/2"	5 x 5"
4 x 4"	6 x 6"

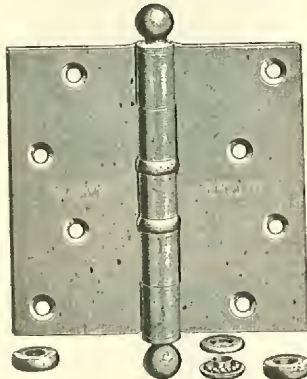


No. 3788

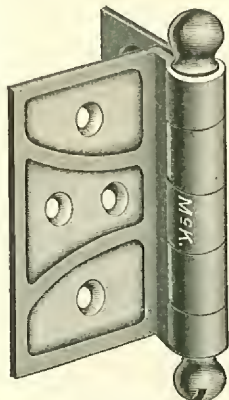




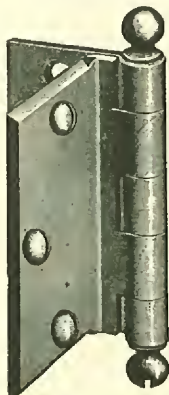
Nos. 714½ to 4714 BR



No. SH 2768



No. 2735



No. 2745

## STEEL BUTT HINGES, BALL TIP

Standard Weight, Non Rising Loose Pin

Packed One Pair in a Box with Screws. Price per Pair

Sizes 3½x3½" and smaller have 6 screw holes.

No.	Finish	Size	2½x2½"	3x3"	3½x3½"	4x4"	4½x4½"	5x5"	6x6"
714½	Plain Steel.....		\$ .25	\$ .27	\$ .28	\$ .36	\$ .52	\$ .85	\$ 1.60
1714½	Japanned .....		.27	.29	.30	.40	.55	1.00	1.75
2714	AC Ant. Copper.....	.33	.34	.35	.48	.70	1.25	2.20	
2714	B Plain Bronze.....	.33	.34	.35	.48	.70	1.25	2.20	
2714	OB Dull Brass.....	.33	.34	.35	.48	.70	1.25	2.20	
2714	XBS Sd. Old Brs.....	.37	.38	.40	.53	.80	1.35	2.40	
2714	N Nickel Polished...	.40	.42	.45	.58	.85	1.45	2.50	
2714	DN Nickel Dull.....	.40	.42	.45	.58	.85	1.45	2.50	
2714	EDB Dead Black.....	.39	.40	.43	.56	.83	1.40	2.45	
4714	BR Galvd. with Brass Pin.....		.45	.48	.65	.80	.95	1.45	3.00

## BALL BEARING STEEL BUTT HINGES

BALL TIP

Patent Roller, Non Rising Loose Pins

Sheradized (Rust Proofed) Before Plating

Packed One Pair in a Box with Screws. Price per Pair

No.	Finish	Size	3x3"	3½x3½"	4x4"	4½x4½"	5x5"	6x6"
SH2768 OB	Dull Brass.....		\$1.15	\$1.25	\$1.40	\$1.85	\$2.40	\$3.50
SH2768 XBS	Sand Old Brass.....		1.20	1.30	1.50	2.00	2.50	3.65
SH2768 N	Pol. Nickel.....		1.60	1.85	2.00	2.50	3.15	4.40

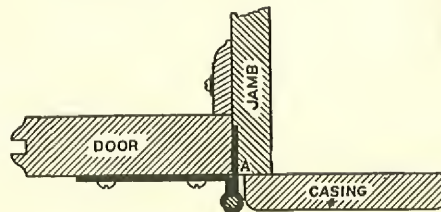
## HALF SURFACE STEEL BUTT HINGES

Ball Tip, Loose Pin, Reversible

Embossed Pattern, Straight Edges, Easy to Paint Around

Packed One Pair in a Box with Screws. Price per Pair

No.	Finish	Size, Height	2"	2½"	3"	3½"	4"
2735 AC	Antique Copper .....		\$ .33	\$ .35	\$ .40	\$ .45	\$ .60
2735 OB	Dull Brass.....		.35	.35	.40	.45	.60



No. 2745 Plan View Applied

## HALF SURFACE STEEL BUTT HINGES

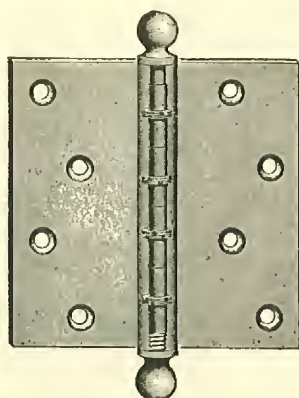
Ball Tip, Loose Pin, Reversible Beveled Edge Pattern

Packed One Pair in a Box with Screws. Price per Pair

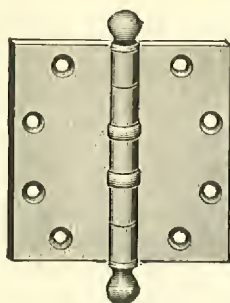
No.	Finish	Size, Height	2"	2½"	3"	3½"	4"	4½"
Distance center of pin to face of door				⅜"	⅝"	⅞"	¾"	
2745 AC	Antique Copper.....		\$ .36	\$ .39	\$ .43	\$ .48	\$ .65	\$ .90
2745 OB	Dull Brass.....		.36	.39	.43	.48	.65	.90

All Butt Hinges on this page, Size 3x3", 3½x3½" and 4x4" are 100 pairs in a case

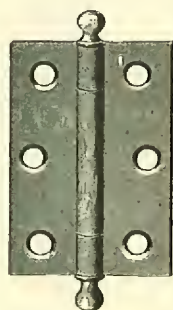




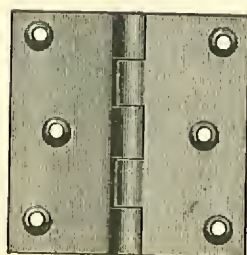
Phantom View  
Nos. 80 and PO71



No. BB80



Nos. X53 to X60  
Nos. X53 and X57  
have only  
4 screw holes.



No. 614B

## BRONZE METAL BUTT HINGES

Ball Tip, Loose, Non Rising Pins  
Steel Bushed Heavy Wrought Bronze Metal

*Packed One Pair in a Box with Screws. Price per Pair*

No.	Finish	Size	3x3"	3½x3½"	4x4"	4½x4½"
80xPB	Polished Bronze.....		\$2.50	\$2.85	\$3.35	\$4.35
80xOB	Dull Brass.....		2.50	2.85	3.35	4.35
80xOBS	Sand Old Brass.....		2.75	3.15	3.75	4.75
80xN	Nickel, Polished.....		2.75	3.15	3.75	4.75
80xDN	Nickel, Dull.....		2.75	3.15	3.75	4.75

Steel Bushed—Cast Bronze Metal

*Packed One Pair in a Box with Screws. Price per Pair*

No.	Finish	Size	3½x3½"	4x4"	4½x4½"	5x5"	5½x5½"	6x6"
PO71xOB	Dull Brass .....		\$3.50	\$4.40	\$5.50	\$6.50	\$8.00	\$10.00
PO71xOBS	Sand Old Brass.....		3.50	4.40	5.50	6.50	8.00	10.00
PO71xN	Nickel, Polished.....		3.50	4.40	5.50	6.50	8.00	10.00

## BALL BEARING HEAVY WROUGHT BRONZE METAL

Ball Bearings Are Concealed in Knuckle of Butt

*Packed One Pair in a Box with Screws. Price per Pair*

No.	Finish	Size	4x4"	4½x4½"	5x5"
BB80xPB	Polished Bronze.....		\$4.00	\$5.00	\$5.75
BB80xOB	Dull Brass.....		4.00	5.00	5.75
BB80xOBS	Sand Old Brass.....		4.35	5.35	6.75

## SMALL LIGHT WEIGHT BRONZE METAL BUTTS

Ball Tip, Loose Pin for Cabinet Doors

*Packed 12 Pairs in a Box with Screws. Price per Pair*

Narrow Wrought Brass with Screws

Finish	Size—Open	1½x1½"	2x1½"	2½x1¾"	3x2½"
Dull Brass.....No. X53 OB.....		\$ .40	X57 OB.....\$ .50	X59 OB.....\$ .60	X60 OB.....\$ .85
Nickel .....No. X53 N .....		.45	X57 N ..... .50	X59 N ..... .65	X60 N ..... .90

Broad Wrought Brass with Screws

No. 2318OB	2½"x2½", Dull Brass.	Per pair.....	\$ .90
2318N	2½"x2½", Nicked Plated.	" "	1.00

Broad Cast Bronze with Screws

*Packed 12 Pairs in a Box with Screws. Price per Pair*

No.	Finish	Size—Open	2½x2"	2½x2½"	3x2½"	3x3"
P1272xOB	Dull Brass.....		\$1.25	\$1.45	\$1.65	\$1.90
P1272xOBS	Sand Old Brass.....		1.25	1.45	1.65	1.90
P1272xN	Nickel .....		1.25	1.45	1.65	1.90

## CAST BRASS TRANSOM BUTTS

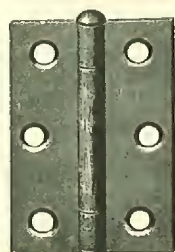
No Tip—Tight Pin

*Packed 6 Pairs in a Box without Screws. Price per Pair*

Ground Finish, Not Polished, Natural Color

No.	Size	2½x2½"	3x2"	3x3"	3½x3"	3½x3½"
614B	Price with Screws.....	\$1.20	\$1.40	\$1.50	\$2.25	\$2.50





Nos. 721 &amp; 2721

## LIGHT WEIGHT LOOSE PIN STEEL BUTT HINGES

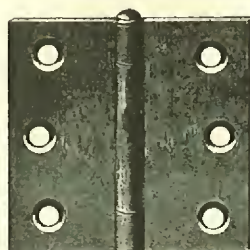
Suitable for Cupboard Doors

Price Per Pair

## NARROW—WITHOUT TIP

No.	Finish	Size (Height) Width open	1 1/2"	2"	2 1/2"	3"
			1 7/16"	1 9/16"	1 11/16"	2"
721	Plain Steel.....		\$.10	\$.12	\$.15	\$.18
2721 AC	Antique Copper.....		.18	.20	.22	.28
2721 OB	Dull Brass.....		.18	.20	.22	.28
2721 XBS	Sand Old Brass.....		.20	.22	.25	.30
2721 N	Nickel .....		.23	.25	.30	.38

Note: Sizes 1 1/2" and 2" have only 4 screw holes to hinge.



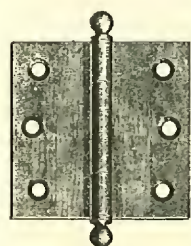
Nos. 717 &amp; 2717

## BROAD—WITHOUT TIP

No.	Finish	Size	2 1/2"x2"	2 1/2"x2 1/2"
717	Plain Steel.....		\$.15	\$.17
2717 AC	Antique Copper.....		.25	.27
2717 OB	Dull Brass.....		.25	.27
2717 XBS	Sand Old Brass.....		.28	.30
2717 N	Nickel .....		.33	.35

All sizes 721 and 717 lines are packed 12 pair in a box.

All packed with screws, except plain steel hinges.

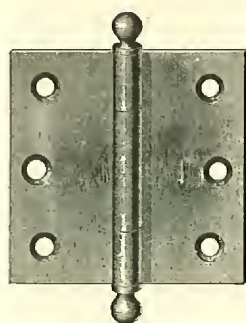


No. 2722

## NARROW—BALL TIP

No.	Finish	Size (Height) Width open	1 1/2"	2"	2 1/2"	3"
			1 3/8"	1 5/8"	1 3/4"	1 15/16"
2722 AC	Antique Copper.....		\$.18	\$.22	\$.25	\$.30
2722 OB	Dull Brass.....		.18	.22	.25	.30
2722 XBS	Sand Old Brass.....		.20	.25	.30	.35
2722 N	Nickel .....		.25	.30	.35	.35
2722 EDB	Electro Dead Black.....		.24	.28	.32	.35

Note: Sizes 1 1/2" and 2" have only 4 screw holes to hinge.



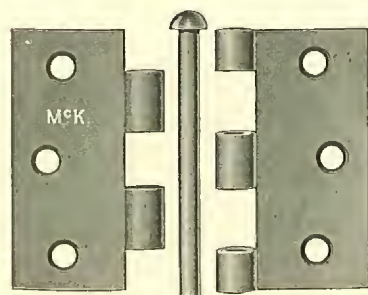
No. 2718

## BROAD—BALL TIP

No.	Finish	Size	2x2"	2 1/2"x2"	2 1/2"x2 1/2"
2718 AC	Antique Copper.....		\$.23	\$.25	\$.27
2718 PB	Plain Bronze.....		.23	.25	.27
2718 OB	Dull Brass.....		.23	.25	.27
2718 XBS	Sand Old Brass.....		.25	.28	.30
2718 N	Nickel .....		.30	.33	.35
2718 DN	Nickel, Dull.....		.30	.33	.35
2718 EDB	Electro Dead Black.....		.28	.31	.33

Note: 2x2 size has only 4 screw holes to hinge.

No. 2722 and 2718 packed with screws, all sizes 6 pairs in a box.

HEAVY LOOSE PIN BROAD STEEL  
BUTT HINGES—NO TIP

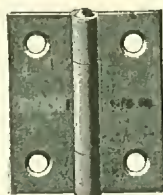
Nos. 703 to 4703 BR

Price Per Pair

No.	Finish	Size	2 1/2"x2 1/2"	3x3"	3 1/2"x3 1/2"	4x4"	4 1/2"x4 1/2"	5x5"
703	Plain Steel.....		\$.22	\$.23	\$.25	\$.35	\$.45	\$.65
1703	Japanned .....					.38	.55	.90
2703 XB	Old Brass.....		.31	.32				
2703 PB	Bright Bronze.....		.31	.32				
2703 DN	Nickel, Dull.....		.40					
4703 BR	Galvd. Brass Pin.....		.35	.45	.60	.85	1.00	

All packed with screws, except plain steel, 6 pairs in a box.





Nos. 719 &amp; 2719

## TIGHT PIN BUTT HINGES

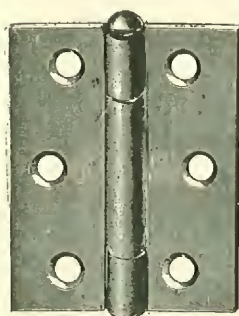
### NARROW, LIGHT STEEL, TIGHT PIN

## Price Per Pair

No.	Finish	Size (Height)	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
		Width Open	1"	1 1/16"	1 7/16"	1 9/16"	1 11/16"	2"
719	Plain Steel		\$.05	\$.06	\$.07	\$.10	\$.12	\$.15
2719 AC	Anti. Copper				.18	.20	.22	.28
2719 OB	Dull Brass				.18	.20	.22	.28

Note: Sizes 1", 1 1/4", 1 1/2" and 2" have 4 Screw Holes to Hinge, other sizes have 6 holes.

Packed 12 Prs. to a box. Packed with screws, except Plain Steel.



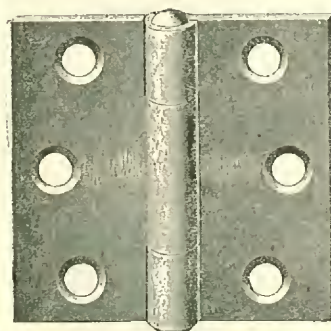
No. 700

## NARROW HEAVY STEEL, TIGHT PIN

## Price Per Pair

No.	Finish	Size (Height)	2"	2 1/2"	3"	3 1/2"	4"	5"
		Width Open	1 3/4"	1 7/8"	2 1/8"	2 3/8"	2 7/8"	3 3/8"
700	Plain Steel		\$.12	\$.15	\$.18	\$.30	\$.35	\$.50

Packed 12 Pairs in a box, without screws.



Nos. 705 to 4705BR

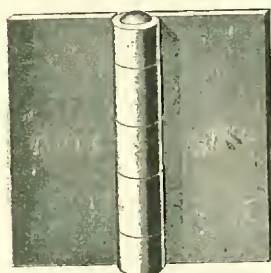
## BROAD HEAVY STEEL, TIGHT PIN

## Price Per Pair

No.	Finish	Size-Open	2x2"	2 1/2x2 1/2"	3x3"	3 1/2x3 1/2"	4x4"	4 1/2x4 1/2"	5x5"
705	Plain Steel		\$.15	\$.18	\$.20	\$.25	\$.33	\$.45	\$.60
2705 AC	Anti. Copper			.27	.30	.33			
2705 OB	Dull Brass			.27	.30	.33			
2705 XBS	Sand Anti. Brass			.33	.35	.40			
2705 N	Nickel			.37	.40	.45			
4705 BR	Galvd. Brs. Pin			.33	.38	.55	.70	.90	1.40

Plain Steel sizes 2x2", 2 1/2x2 1/2", 3x3" are packed 12 pairs in a box, balance 6 pairs.

All packed with screws, except Plain Steel.



No. 706

## BLANK HINGES—FOR IRON WORKERS

Broad Extra Heavy Steel, Without Screw Holes, Heavy Tight Pin, Flat Back

No. 706 Plain Steel, Price Per Pr.	Size Open	3 1/2x3 1/2"	4x4"	5x5"	6x4"	6x6"
		\$.50	\$.65	\$1.25	\$1.75	\$1.75

Packed 6 pairs in a box.

## WROUGHT BRASS MIDDLE BUTTS

With Tight Steel Pin, Flat Back

Plain Bright Brass for Light Cabinet Work



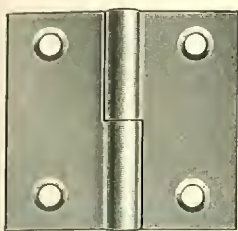
Brass Middle Butt

Size (Height)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/4"	2 1/2"	3"
Width Open	3/8"	3/4"	1 1/8"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"
Price Per Pr. with Scs.	.07	.07	.08	.10	.12	.18	.20	.25	.40

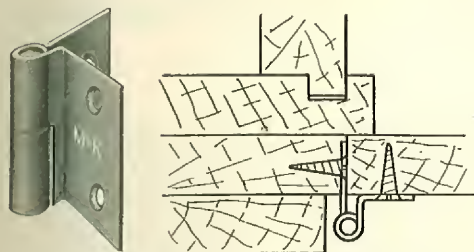
Sizes 1/2" to 1 1/2" inclusive, 4 holes to hinge, others 6 holes.

Packed 12 pairs in a box, without screws.

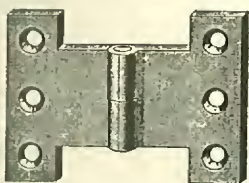




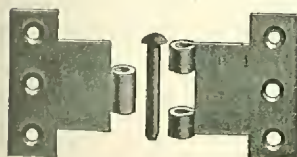
Nos. 1837 and 4702 BR Left Hand



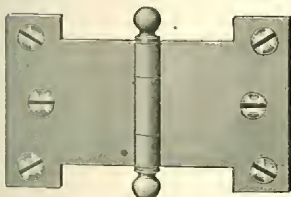
No. 1836 Right Hand      Sectional View



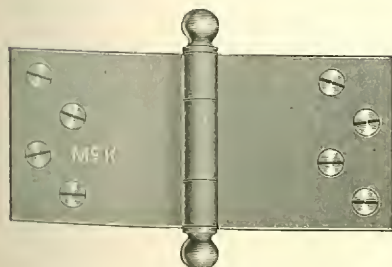
Nos. 715½ and 4715½ BR



No. 715



No. 2716½



No. 2798

## LOOSE JOINT, BROAD STEEL, BUTT HINGES

For Window Screens

Loose Joint Hinges are made Right and Left Hand, Left Hand is Most Used.  
First Dimension Given is the Height.

		Price Per Pair	
Size Open	Finish	2x2½"	3x2½"
No. 1837	Japanned	.....\$ .30	.....\$ .35
4702 BR	Galvanized with Brass Pin	.....\$ .40	.....\$ .50

Note: 2x2½" size has 4 screw holes, 3x2½" has 6 holes.

All packed 6 pairs in a box with screws.

## LOOSE JOINT HALF SURFACE STEEL HINGES

For Window Screens

With half-inch offset, will swing around ⅞" casing.  
Applied to surface of screen. Made Right and Left Hand.  
Left Hand is most used, size 2x2½".

		Price Per Pair	
No. 1836	Japanned	.....\$ .35	
SH4836BR	Galvanized, with Brass Pin	.....\$ .50	

All packed 6 pairs in a box with screws.

## LOOSE JOINT PARLIAMENT BUTT HINGES

Loose Joint Hinges are made Right and Left Hand.

		Price Per Pair				
Size Open	Finish	2½"	3"	4"	5"	6"
No. 715½	Plain Steel	.....\$ .20	.....\$ .22	.....\$ .25	.....\$ .35	
4715½ BR	Galvanized with Brass Pin	.....\$ .40	.....\$ .45	.....\$ .55	.....\$ .65	.....\$ .85

Packed 12 pairs in a box, Plain Steel without screws.

## LOOSE PIN PARLIAMENT BUTT HINGES

Price Per Pair

Size Open	Finish	2½"	3"
No. 715	Plain Steel	.....\$ .20	.....\$ .22

Packed 12 pairs in a box, without screws.

## LOOSE PIN, BALL TIP, PLATED STEEL PARLIAMENT BUTT HINGES

Price Per Pair

Width Open	Height of side	3"	4"	5"	6"
No. 2716½ OB	Dull Brass	.....\$ .40	.....\$ .55	.....\$ .65	.....\$ .75
2716½ XBS	Sand Old Brs	.....\$ .45	.....\$ .60	.....\$ .75	.....\$ .85

Packed 6 pairs in a box with screws.

## EXTRA WIDE, LOOSE PIN, BALL TIP PLATED STEEL BUTT HINGES

Price Per Pair

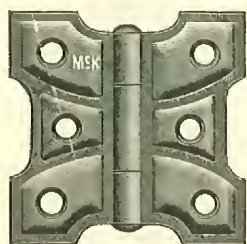
Size Open	Finish	3x6"	4x6"	4x7"	5x7"
No. 2798 OB	Dull Brass	.....\$1.60	.....\$2.00	.....\$2.25	.....\$3.00
2798 XBS	Sand Old Brass	.....\$1.80	.....\$2.25	.....\$2.50	.....\$3.35

Packed one pair in a box with screws.

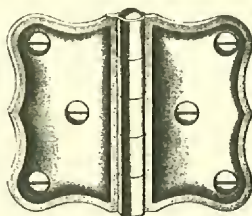


## LIGHT STEEL SURFACE AND HALF SURFACE HINGES

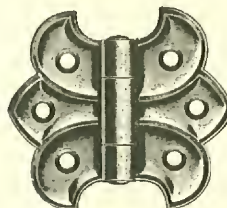
CUTS REDUCED SIZE



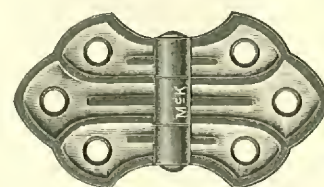
No. 2729



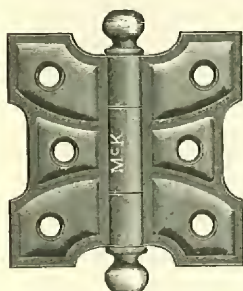
No. 420



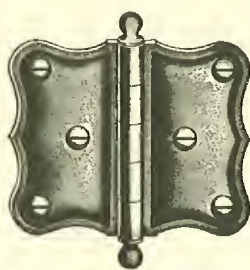
No. 460



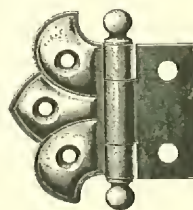
No. 2732



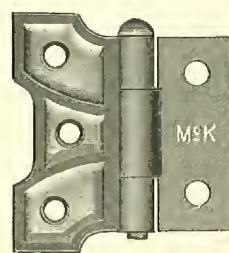
No. 2729 1/2 Loose Pin



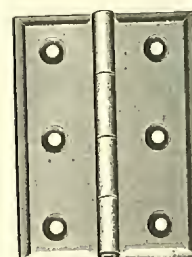
No. 430 Loose Pin



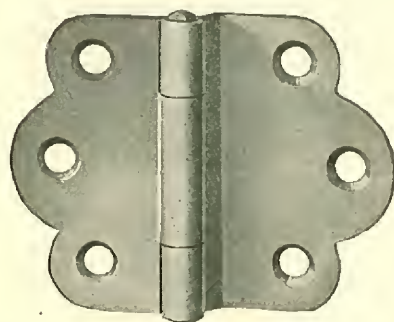
No. 476



No. 2733



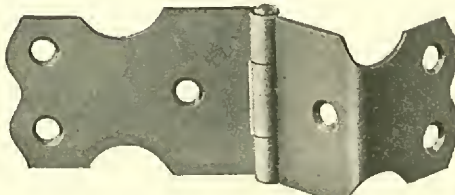
No. 2719 1/2 P



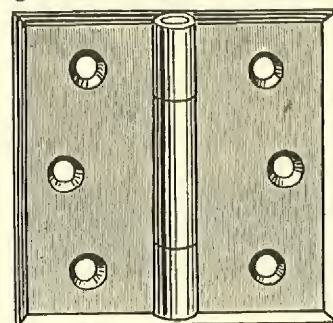
No. 2610 Offset 3/8"



No. 2724



No. 2602 Bend 3/4"

Heavy Accordion, Door Hinge,  
Tight Pin, Flat Back, Beveled Edge

No. BE 2705

Packed 12 pairs in a box with screws.

No.	Finish	Size	Type	Per Pr.
2729	AC Anti. Copper	1 1/2 x 1 7/8"	Full Surface	\$.20
2729	AC " "	2 x 2 3/8"	" "	.25
2729	OB Dull Brass	1 1/2 x 1 7/8"	" "	.20
2729	OB " "	2 x 2 3/8"	" "	.25
2729	XBS Sand Old Brs.	1 1/2 x 1 7/8"	" "	.22
2729	XBS " "	2 x 2 3/8"	" "	.30
2729	N Nickel	1 1/2 x 1 7/8"	" "	.25
420	AC Anti. Copper	2 x 2 1/2"	" "	.20
420	OB Dull Brass	2 x 2 1/2"	" "	.20
460	AC Anti. Copper	2 x 2 1/4"	" "	.20
460	OB Dull Brass	2 x 2 1/4"	" "	.20
2732	AC Anti. Copper	1 3/4 x 3"	" "	.20
2732	OB Dull Brass	1 3/4 x 3"	" "	.20
2729 1/2	AC Anti. Copper	2 x 2 3/8"	" "	.30
2729 1/2	OB Dull Brass	2 x 2 3/8"	" "	.30
2729 1/2	XBS Sand Old Brs.	2 x 2 3/8"	" "	.35
430	AC Anti. Copper	2 x 2 1/2"	" "	.22
430	OB Dull Brass	2 x 2 1/2"	" "	.22
476	AC Anti. Copper	1 1/2"	Half Surface	.22
476	OB Dull Brass	1 1/2"	" "	.22
2733	AC Anti. Copper	1 1/2"	" "	.20
2733	OB Dull Brass	1 1/2"	" "	.20
2733	XBS Sand Old Brs.	1 1/2"	" "	.22

No.	Finish	Size	Type	Per Pr.
2719 1/2	AC Anti. Copper	2 1/2 x 1 3/4"	Full Surface	\$.28
2719 1/2	OB Dull Brass	2 1/2 x 1 3/4"	Full Surface	.28
2610	N Nickel	2 x 1 1/2"	Kitchen Cabinet	.30
2602	OB Dull Brass	1 1/8"	Box Hinge	.30
2724	AC Anti. Copper	1 1/4 x 1 3/4"	Blind Hinge	.25
2724	AC " "	1 1/2 x 2 1/8"	" "	.30
2724	OB Dull Brass	1 1/4 x 1 3/4"	" "	.25
2724	OB " "	1 1/2 x 2 1/8"	" "	.30
2724	XBS Sand Old Brs.	1 1/4 x 1 3/4"	" "	.28
2724	XBS " "	1 1/2 x 2 1/8"	" "	.32
2724	N Nickel	1 1/4 x 1 3/4"	" "	.32
2724	N " "	1 1/2 x 1 1/8"	" "	.35

## HEAVY ACCORDION DOOR HINGES

Tight Pin, Flat Back, Beveled Edge

Six pairs in a box.

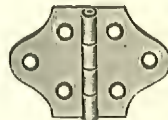
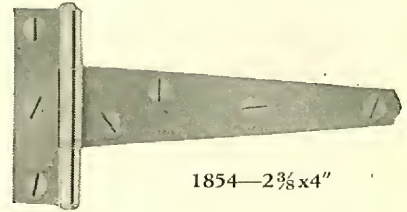
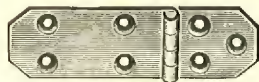
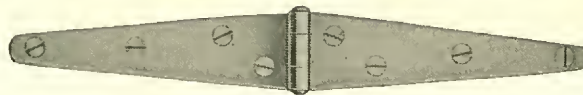
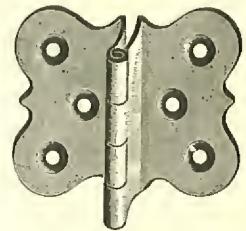
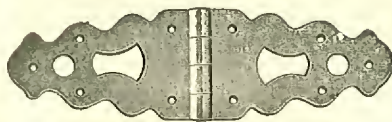
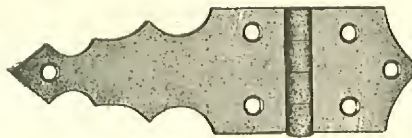
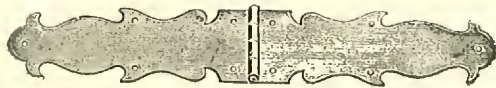
No.	Finish	Size	Per Pr.
BE2705	AC Anti. Copper	3 1/2 x 3 1/2"	\$.60
BE2705	OB Dull Brass	3 1/2 x 3 1/2"	.60
BE2705	XBS Sand Old Brs.	3 1/2 x 3 1/2"	.70



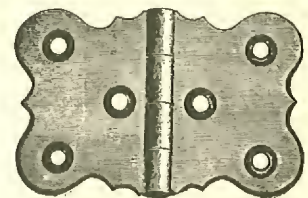
## FANCY BRASS METAL SURFACE HINGES FOR BOXES

CUTS HALF SIZE

Dimensions Given Are Overall When Open

No. X13— $\frac{3}{8}$  x  $2\frac{3}{4}$ "X6— $\frac{1}{2}$  x  $1\frac{5}{8}$ "X87— $1\frac{1}{8}$  x  $1\frac{5}{8}$ "1854— $2\frac{3}{8}$  x 4"X7— $\frac{5}{8}$  x  $2\frac{3}{4}$ "X29— $\frac{1}{2}$  x  $1\frac{3}{4}$ "X76— $1\frac{3}{8}$  x  $2\frac{1}{4}$ "X23— $\frac{3}{4}$  x  $2\frac{5}{8}$ "1850— $1\frac{1}{8}$  x 6"X1056— $1\frac{3}{4}$  x  $2\frac{3}{8}$ "X27— $1\frac{1}{4}$  x 4"X105— $1\frac{3}{8}$  x  $4\frac{1}{4}$ "X109— $1\frac{1}{4}$  x  $4\frac{3}{8}$ "X130— $1\frac{1}{2}$  x 10"

Cut Quarter Size

X155— $1\frac{7}{8}$  x 3"

All packed with screws or pins.

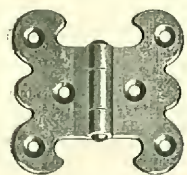
All in Polished Brass Finish Except No. X13 Which is Plain Brass, and X109, Nickel Plated

No.	Size Open	Screw or Pin	Package	Price Per Pr.
X 13	$\frac{3}{8}$ x $2\frac{3}{4}$ "	$\frac{1}{2}$ " Screw	36 Pr.	\$ .22
X 29	$\frac{1}{2}$ x $1\frac{3}{4}$ "	$\frac{1}{2}$ " Pin	36 "	.12
X 7	$\frac{5}{8}$ x $2\frac{3}{4}$ "	$\frac{1}{2}$ " "	36 "	.15
X 6	$\frac{1}{2}$ x $1\frac{5}{8}$ "	$\frac{1}{2}$ " "	36 "	.10
X 87	$1\frac{1}{8}$ x $1\frac{5}{8}$ "	$\frac{1}{2}$ " Screw	36 "	.28
X 23	$\frac{3}{4}$ x $2\frac{5}{8}$ "	$\frac{5}{8}$ " "	36 "	.33
X 27	$1\frac{1}{4}$ x 4"	$\frac{1}{2}$ " "	12 "	.55
X 105	$\frac{13}{8}$ x $4\frac{1}{4}$ "	$\frac{5}{8}$ " "	12 "	.70
X 130	$1\frac{1}{2}$ x 10"	$\frac{1}{2}$ " "	6 "	.85
X 155	$1\frac{7}{8}$ x 3"	$\frac{3}{4}$ " "	12 "	.60
X1056	$\frac{13}{4}$ x $2\frac{3}{8}$ "	$\frac{3}{4}$ " "	12 "	1.00
X 109 N	$1\frac{1}{4}$ x $4\frac{3}{8}$ "	$\frac{3}{4}$ " "	12 "	.95
X 76	$\frac{13}{8}$ x $2\frac{1}{4}$ "	$\frac{5}{8}$ " "	36 "	.22
1850	$1\frac{1}{8}$ x 6"	$\frac{3}{4}$ " "	1 "	.65
1854	$2\frac{3}{8}$ x 4"	$\frac{3}{4}$ " "	1 "	.70

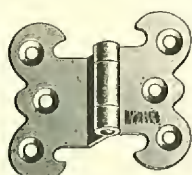


## REFRIGERATOR HINGES

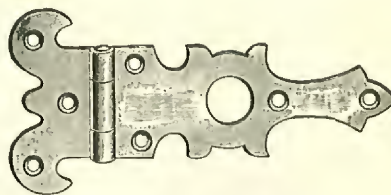
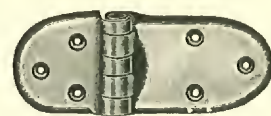
CUTS REDUCED SIZE



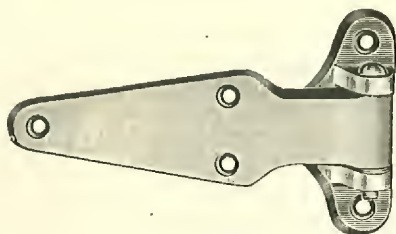
Nos. 1420 &amp; 1420 1/4



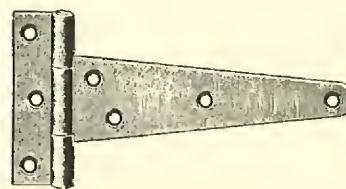
Nos. 1422 &amp; 1423 1/4

Nos. 1424 & 1425C  
No. 1425 has 3/8" offset

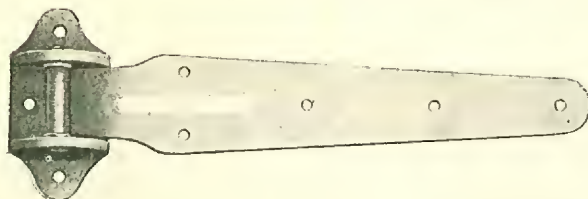
No. X190



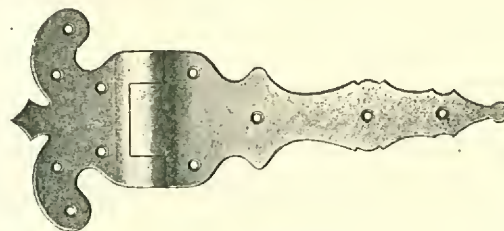
No. X191



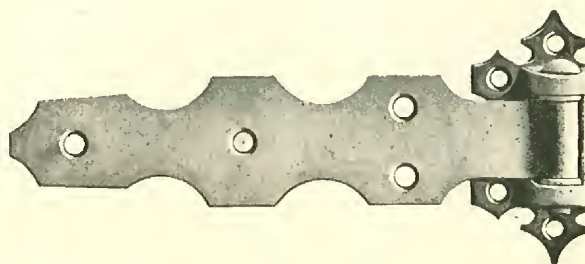
No. Sc4809 BR



No. 50



Nos. 5-10-25-30



Nos. 100-105-110

Sizes given are over all, except No. 4809BR which is from pin to end of Strap

No.	Finish	Size	Type	Per Pr.	No.	Finish	Size	Type	Per Pr.
1420C	Brass Plated Steel	2 1/2 x 2 1/2"	Flush	.....\$ .25	Sc4809BR	Galvd. Brs. Pin	6"	Flush	.....\$ .90
1420C	"	3 x 3	"	..... .30	Sc4809BR	" " "	8"	"	..... 1.50
1421 1/4	" Metal Pol.	2 1/2 x 2 1/2"	"	..... .60	Sc4809BR	" " "	10"	"	..... 2.00
1421 1/4	"	3 x 3	"	..... .75	Sc4809BR	" " "	12"	"	..... 3.00
1422C	" Plated Steel	2 1/2 x 2 1/2"	3/8" Offset	..... .25	5	Tinned Mall. Iron	15"	"	..... 7.00
1422C	"	3 x 3	"	..... .30	10	" " "	22"	"	..... 15.00
1423 1/4	" Metal Pol.	2 1/2 x 2 1/2"	"	..... .65	25	Brass Metal	15"	"	..... 20.00
1423 1/4	"	3 x 3	"	..... .85	30	" "	22"	"	..... 36.00
1424C	" Plated Steel	7 1/2"	Flush	..... .40	50	Tinned Mall. Iron	23"	1/8" Offset	..... 11.00
1425C	"	7 1/2"	3/8" Offset	..... .45	100	" " "	8"	"	..... 1.70
X190	" Metal Pol.	4 1/4"	"	..... .65	105	" " "	12"	"	..... 3.20
X190N	Brass Metal	"	"	.....	110	" " "	16"	"	..... 6.00
	Pol., Nickel	4 1/4"	"	..... .75					
X191	Brass Metal Pol.	6 1/4"	"	..... 3.00					
X191N	Brass Metal	"	"	.....					
	Pol., Nickel	6 1/4"	"	..... 3.25					

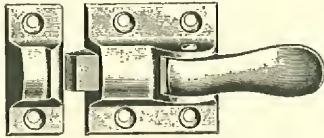
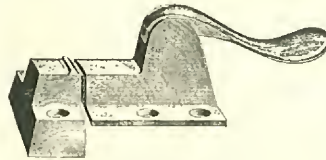
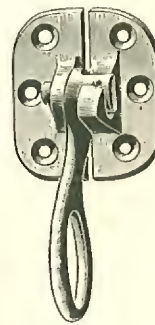
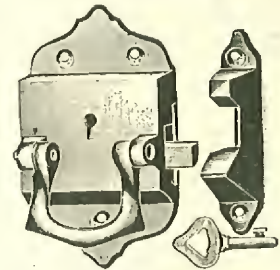
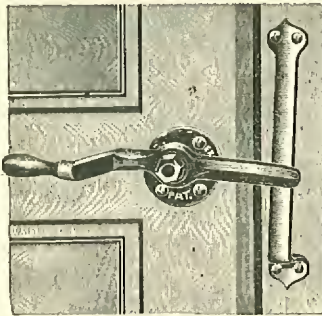
Nos. 1420C to X191 are packed 6 pairs in a box with screws.

Nos. 4809 BR to 110 packed one pair in a package with screws.

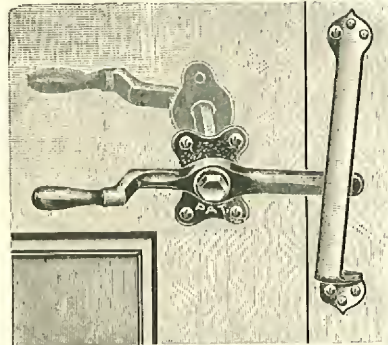


## REFRIGERATOR FASTENERS

CUTS REDUCED SIZE

Nos. 9215, 9216 and 9217  
with flush strikeNo. 9215  
with  $\frac{3}{8}$ " offset strikeNo. 4 Left Hand  
Specify HandNo. X873N Left Hand  
Specify Hand

Nos. 3, 2 and 1



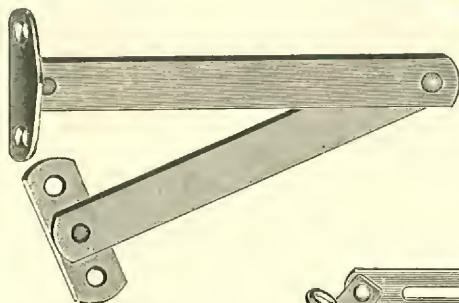
Nos. 0 &amp; 00 with inside lever

No. 3 Rubber Gasket for  
use between door and frame  
 $\frac{1}{4}$ " thick, per foot, 20c.

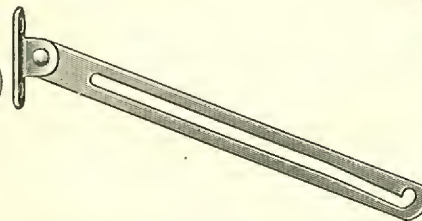
No.	Metal	Finish	Size	Strike	Packed	Price Each with screws
9215 FS	Brass Metal	Pol. Brass	$1\frac{1}{2}$ x2 "	Flush	12 in a box	\$.70
9215 FS	" "	" Nickel	$1\frac{1}{2}$ x2 "	"	12 " " "	.80
9216 FS	" "	" Brass	$1\frac{3}{4}$ x2 "	"	12 " " "	.80
9217 FS	" "	" "	$2\frac{1}{4}$ x2 "	"	12 " " "	.90
9215 OS	" "	" "	$1\frac{1}{2}$ x2 "	Offset $\frac{3}{8}$ "	12 " " "	.80
9215 OS	" "	" Nickel	$1\frac{1}{2}$ x2 "	Offset $\frac{3}{8}$ "	12 " " "	.90
4 FS	" "	" Brass	5 x $1\frac{3}{4}$ "	Flush	6 " " "	.80
4 OS	" "	" "	5 x $1\frac{3}{4}$ "	Offset $\frac{3}{8}$ "	6 " " "	.90
X873 OS	N.P. Brass Metal	" Nickel	4 x $2\frac{1}{4}$ "	Flush	12 " " "	1.50
1	Malleable Iron	Tinned	11 "	Lever Universal	1 " " pkg.	3.00
2	" "	" "	14 "	" "	3 " " "	2.00
3	" "	" "	$8\frac{1}{2}$ "	" "	6 " " "	1.00
0	" "	" "	16 "	" "	1 " " "	5.00
00	" "	" "	13 "	" "	1 " " "	3.40

## LID SUPPORTS AND DESK STAYS

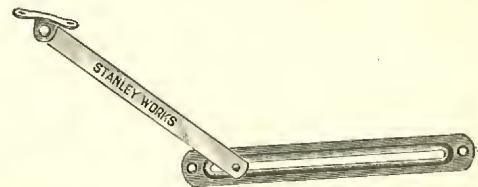
Brass Plated Steel



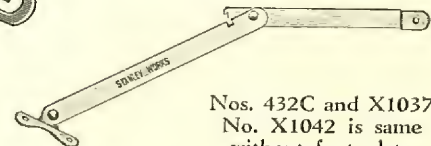
Nos. 1755 &amp; 1756



No. 429

No. 430C—6"·7 $\frac{1}{2}$ "·10"·12".No. 429—4 $\frac{1}{2}$ " and 5 $\frac{1}{4}$ " has notch in slide to support in open position.

No. 435

Nos. 432C and X1037  
No. X1042 is same  
without foot plate

No.	Radio Slide to hold up	Per Pr.	No.	Hinged Stay	Per Pr.
429C—	4 $\frac{1}{4}$ "	\$ .20	1755—	7 " no stop	\$.30
429C—	5 $\frac{1}{4}$ "	.20	1756—	8 $\frac{1}{2}$ " " "	.35
430C—	6 " Desk Slide non hold up	.25	X1037—	6" with stop	.25
430C—	7 $\frac{1}{2}$ " " " " " "	.30	432C—	10" " "	.30
430C—	10 " " " " " "	.35	X1042—	8" " "	.25
430C—	12 " " " " " "	.40	435C—	Stationary Slide 8"	.35

All packed 12 prs. in a box with screws.

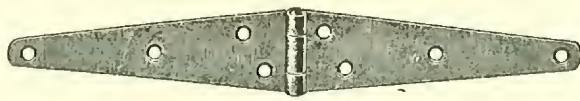




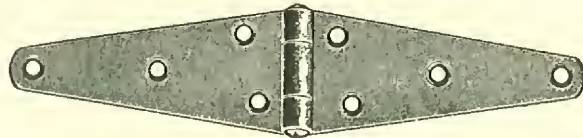


## STRAP AND TEE HINGES AND HINGE EYES

Note: Sizes given are from center of pin to end of strap.



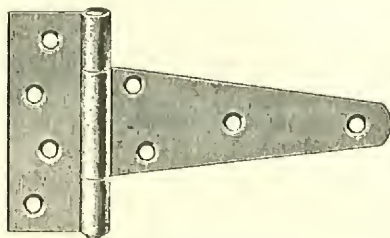
Light Strap



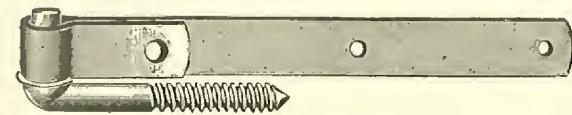
Heavy Strap



Light Tee



Extra Heavy Tee

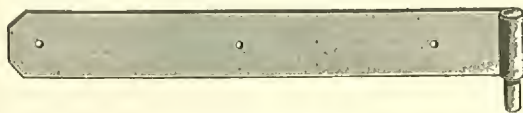


Screw Strap

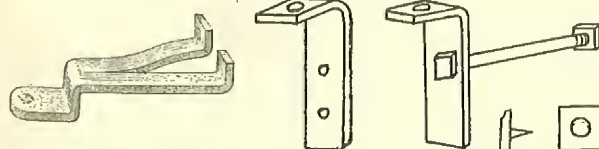
Specify thickness of door if bolts are required.



No. 03-3—Not carried in stock.



Hinge Strap



No. 4

No. 8  
Hinge Eyes

No. 7

## LIGHT STRAP

Size	Number of Screw Holes	Size Screw to use	Width at Joint	Price one Pr. in box with screws	Price Bulk with screws or nails. Pr.
3"	6	3/4 x 6	1 1/8"	\$.15	\$.10
4"	6	3/4 x 7	1 1/8"	.17	.12
5"	8	3/4 x 8	1 5/8"	.20	.15
6"	8	1 x 9	1 5/8"	.25	.20

## HEAVY STRAP

4"	6	3/4 x 9	1 5/8"	.18	.13
5"	8	1 x 9	1 3/4"	.25	.18
6"	8	1 1/4 x 11	2 1/2"	.30	.22
8"	8	1 1/4 x 12	2 7/8"	.45	.37
10"	8	1 1/2 x 12	3 1/8"	.70	.60
12"	10	1 1/2 x 14	4 1/2"		.85
16"	10	1 1/2 x 16	4 3/4"		1.45

## LIGHT TEE

Size	Number of Screw Holes	Size Screw to use	Width at Joint	Width of Pad From Center of Pin	Price one Pr. in box with screws	Price Bulk with screws or nails. Pr.
3"	6	3/4 x 6	2 3/8"	3/4"	\$.15	\$.12
4"	6	3/4 x 7	2 5/8"	7/8"	.18	.15
5"	7	3/4 x 8	3 "	1 1/8"	.23	.17
6"	7	1 x 8	3 1/2"	1 "	.25	.20

## EXTRA HEAVY TEE

4"	6	1 x 9	3 1/2"	1 1/4"	.25	.20
5"	8	1 x 10	4 "	1 1/8"	.28	.22
6"	8	1 1/4 x 11	4 1/2"	1 3/4"	.35	.27
8"	8	1 1/4 x 12	5 1/2"	2 "	.55	.45
10"	9	1 1/2 x 14	7 "	2 1/8"	.75	.65
12"	10	1 1/2 x 14	7 3/4"	2 7/8"	1.00	.95
16"	10	1 1/2 x 16	7 3/4"	2 7/8"		1.40

## SCREW STRAP HINGES

Length Strap	Size Pintle	Size Strap	Bolts to Strap	Size Bolt	Price with bolts Pair
8"	1/2"	1 1/4 x 3/16"	2	3/8"	\$.35
12"	3/8"	1 1/2 x 1/4"	3	7/16"	.55
18"	3/4"	1 3/4 x 1/4"	3	7/8"	.90
24"	7/8"	2 x 5/16"	4	1"	1.50
30"	1 "	2 1/2 x 7/8"	4	1 1/2"	1.85
36"	1 "	2 1/2 x 5/8"	4	1 1/2"	2.25

## No. 03-3 PLATE HINGES

Strap, 2 1/2 x 5/8". Pin, 1/2". Straight 5/16" holes.

Pad Malleable Iron 7 x 2 1/4" Counter sunk 1/2" holes in line.

Length	18"	24"	30"	36"	42"	48"
Per Pair.....	\$3.50	\$3.75	\$4.00	\$4.50	\$5.00	\$5.50

## HINGE STRAPS

With 3/4" Pin, for 3/8" Bolts; Specify Length.

Length	18"	24"	30"	36"	42"	48"
Per Pair						
2 x 3/8"	\$1.75	\$2.25	\$2.50	\$3.00		
2 1/2 x 3/8"	2.25	2.75	3.35	4.00	4.50	5.00

## HINGE EYES

For building into brick work and for use with hinge straps.

No. 4 made right and left hand, pair.....\$2.00

## SPECIAL PATTERNS

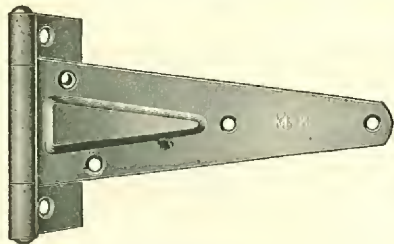
No. 8.....	Price on application
No. 7.....	Price on application



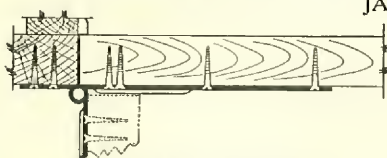
## GARAGE DOOR HINGES

## REVERSED PAD EXTRA HEAVY TEE HINGES

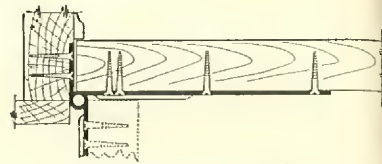
JAPANNED



Nos. 1844 and 1809½



No. 1844 as Full Surface



No. 1844 as Half Surface

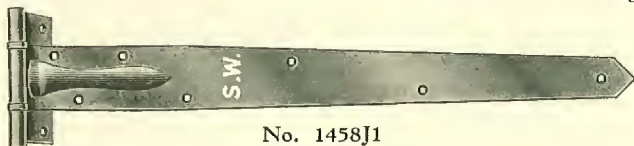
No. 1844 Loose Pin can be used as Full Surface or Half Surface Hinge.  
No. 1809½ Tight Pin, Half Surface Hinge only.

Length Strap	Width Pad	Pairs in case	Price Per Pr.
8"	2 "	50	\$ .70
10"	2 3/8"	25	1.00
12"	2 3/4"	15	1.50
16"	2 3/4"	15	2.00

Packed one pair in a box with screws.

## EXTRA HEAVY BALL BEARING

Half Surface Hinges Dead Black Finish



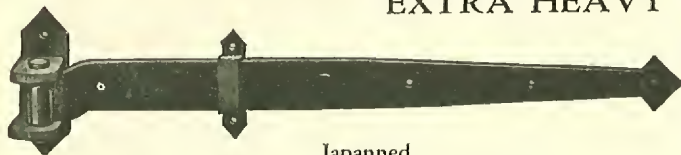
No. 1458J1

Note: No. 1459J1 is for recessed jamb.

No.	Length Strap	Length Joint	Width Pad	Throw	Per Pr.
1458J1	12"	7"	2 1/4"	2 1/8"	\$3.50
	18"	7"	2 1/4"	2 1/8"	4.00
	24"	7"	2 1/4"	2 1/8"	4.50
	36"	8"	4 "	2 1/8"	7.50
1459J1	36"	8"	4 "	4 1/2"	7.50

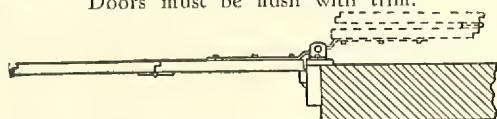
Packed one pair in a box with screws.

## EXTRA HEAVY SURFACE HINGES

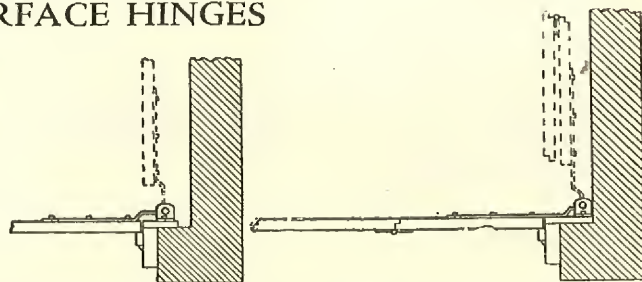


Japanned

No. 1035—Note movable clip on strap.  
Doors must be flush with trim.



Pintle applied to edge of jamb. Pintle is 2 1/2" wide. Loose Pin 1/2" diameter. Pintle attached with 1/2" lag screws. Strap attached with 3/8" Carriage Bolts.



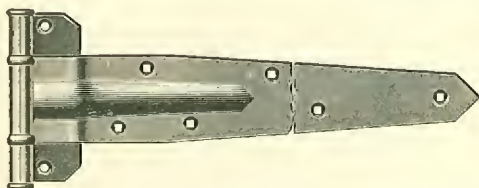
Note Hinge Pintle can be set back from jamb to take three doors clear out of opening when standing at right angles to it.

No. 1035—24" Strap	1/4x2 1/2"	Per Pr.	\$4.50
30" "	5/8x2 1/2"	" "	5.00
36" "	5/8x2 1/2"	" "	5.50

Packed one pair in a box with 3/8x3/4 Bolts

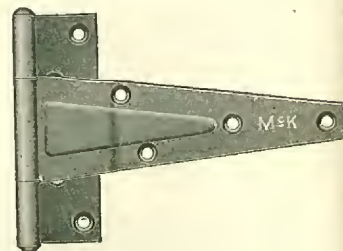
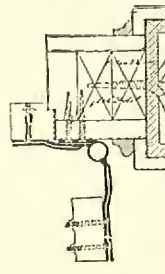
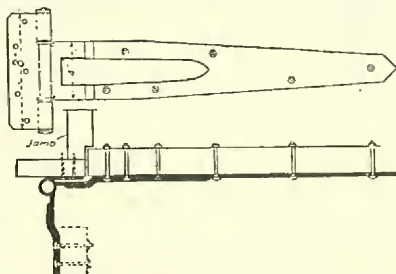
We can supply cap screws for attaching No. 1035 to Steel Jamb.

## FULL SURFACE THROW BACK HINGES



No. 1456J1

Detail of No. 1456 applied to doors and jamb shown at right. Note how door is thrown clear of opening.



No. 1845

Doors must be flush with trim.

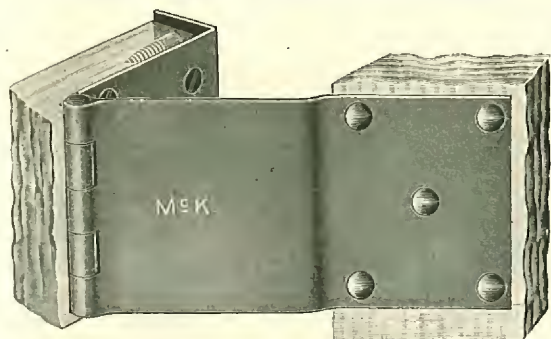
## No. 1845 Extra Heavy Tee Hinges Japanned

Length Strap	Width Strap	Length Joint	Width Pad	Per Pr.	Length Strap	Width Strap	Length Joint	Width Pad	Per Pr.
18"	3 "	7 "	3 "	\$5.00	10"	3 1/4"	7 "	2 3/8"	\$1.50
24"	4 "	8 "	3 1/4"	6.00	12"	3 3/8"	7 3/4"	2 3/4"	2.00

Packed one pair in a box with screws.

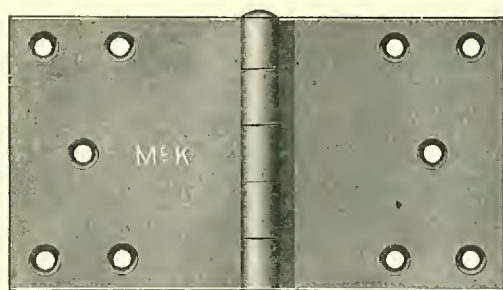


## GARAGE DOOR HINGES



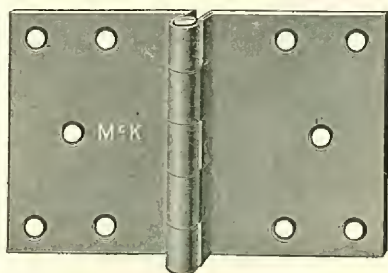
No. 1852

No. 1852, 4 1/2 x 8" Japd. Throw Back Hinge. Hinge knuckle is four inches back of jamb.  
Per Pair.....\$2.00



No. 1848 1/2

No. 1848 1/2, 4 1/2 x 7" Japd. no offset.  
Per Pair.....\$1.65



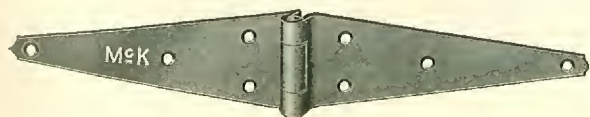
No. 1848

No. 1848, 4 1/2 x 7" Japd. 1" offset giving 2" space between folded doors.  
Per Pair.....\$1.75



No. 1803 1/2 - 10"

No. 1803 1/2, 10" Heavy Strap Hinge, 3 3/4" wide, 20" long when open, no offset.  
Per Pair.....\$1.00

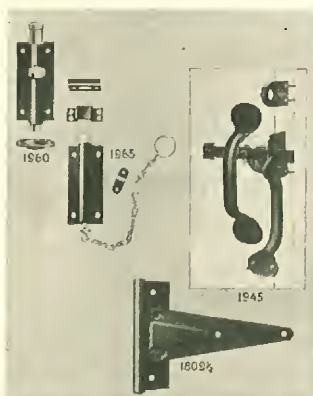


No. 1847

No. 1847, 10" Heavy Strap Hinge, 3 3/4" wide, 18" long when open, with 1" offset (2" space between folded doors).  
Per Pair.....\$1.50

*All one pair in a box with screws.*

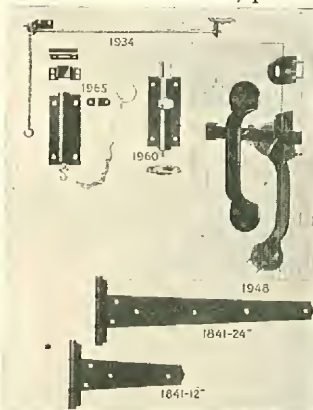
## GARAGE HINGE SETS



Set Nos. 9032 and 9033 Japd.

## CONTENTS OF SET

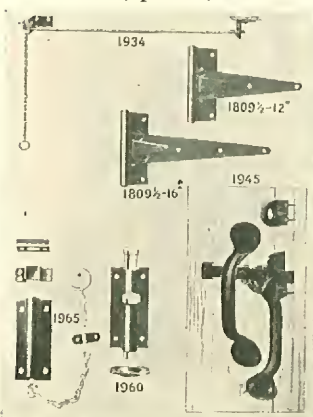
3 Pr. Half Surface 10" Hinges. 1 Only foot bolt 6". 1 Only chain bolt 6". 1 Only Duogrip Latch.  
Set No. 9033 has No. 1844 loose pin hinges.  
One set in box, weight 19 lbs.  
Nos. 9032 and 9033, per set, with screws.....\$4.50



Set No. 9035 Japd.

## CONTENTS OF SET

2 Prs. Half Surface 24" Hinges. 1 Pr. Half Surface 12" Hinges. 1 Pr. Door Holders. 1 Only foot bolt 6". 1 Only chain bolt 6". 1 Only Duogrip Latch.  
One set in a wood box, weight 54 lbs.  
No. 9035, per set, with screws.....\$22.00



Set No. 9039 Japd.

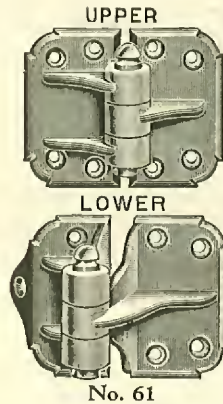
## CONTENTS OF SET

2 Prs. 16" Half Surface Tee Hinges. 1 Pr. 10" Half Surface Tee Hinges. 1 Pr. Door Holders. 1 Only foot bolt 6". 1 Only chain bolt 6". 1 Only Duogrip Latch.  
One set in a wood box, weight 45 lbs.  
No. 9039, per set, with screws.....\$10.00



CUTS REDUCED SIZE

## GATE HINGES



## SINGLE ACTING

Self Closing

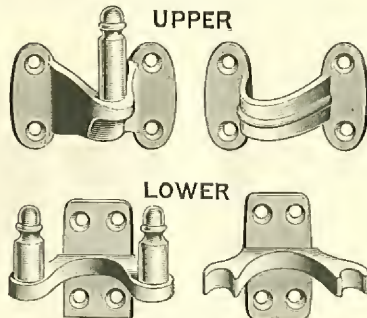
Plain Cast Iron

No. 61

Upper Hinge..... $3\frac{1}{4} \times 4\frac{1}{4}$ "  
 Lower Hinge..... $3\frac{1}{2} \times 4\frac{1}{4}$ "  
 Per set with scs. ....\$ .65

*Packed one set in a box.*

## DOUBLE ACTING



No. 51

Self Closing

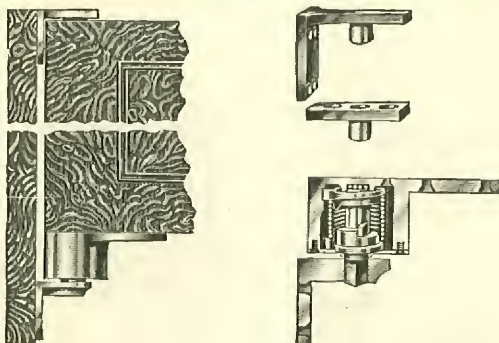
Plain Cast Iron

No. 51

Upper Hinge..... $3\frac{1}{4} \times 3$ "  
 Lower Hinge..... $2\frac{3}{4} \times 2\frac{1}{2}$ "  
 Per set with scs. ....\$ .65

*Packed two sets in a box.*

## DOUBLE ACTING SPRING GATE HINGE



No. 6287

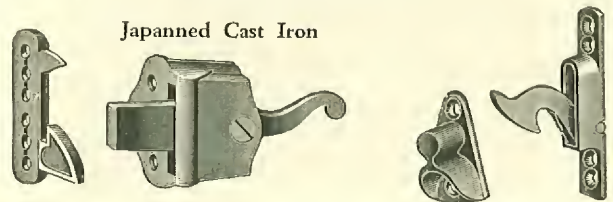
Pivot Type

For Interior Gates in office railing.  
 Gate cannot sag, spring does not carry the weight of gate.  
 This permits very light tension on spring. Weight is carried  
 on ball bearing. Can be applied without any mortising of  
 gate or jamb. Pintle of hinge can be set to hold gate open.  
 No. 6287 Dull Brass Finish on Polished Iron for Gates from  
 $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick and Top Rail not over  $2\frac{1}{2}$ " thick.  
 Per Set.....\$5.00

*Packed one set in a box.*

## GATE LATCHES

## SINGLE ACTING



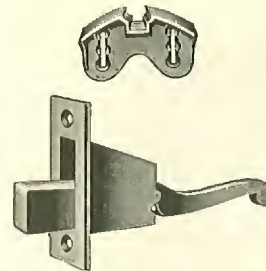
Japanned Cast Iron

No. 41

No. 219

No. 41 Latch  $5\frac{1}{4}$ " long, each with screws.....\$ .30219 Latch  $2\frac{1}{4}$ " Strike,  $2 \times 1\frac{1}{8}$ ", price each with scs. .15

No. 41 Packed 6 in a box, No. 219 packed 12 in box.



No. 37

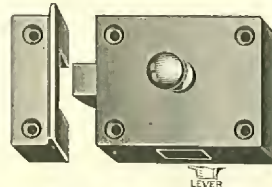
## DOUBLE ACTING

Japanned Cast Iron

No. 37 Latch 5" long, each with  
screws .....\$ .30*Packed 6 in a box.*

## SECRET GATE LATCHES

## SINGLE ACTING



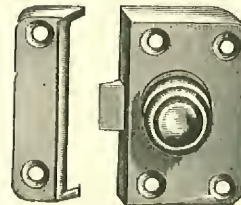
Cast case  $2 \times 2\frac{1}{2} \times 3\frac{3}{4}$ ". Cast  
 Bronze Knob. Knob is sta-  
 tionary. Latch operated by  
 pressing lever at bottom of  
 case.

*Packed 6 in a box.*

No. DJ540	Cast Iron	Dead Black Fin., each.....\$ .60
P540xAC	" "	Anti. Copper Fin., each..... .85
P540xOB	" "	Dull Brass Fin., each..... .85
P540xOBS	" "	Sand Old Brass Fin., each..... .90
P1540xOB	Cast Brass	Dull Brass Fin., each..... 2.00

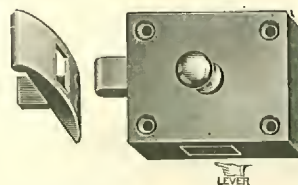
## SINGLE ACTING

Cast Brass



No. 9530

Size of case only  $2" \times 1\frac{1}{4}"$ . Knob  
 is stationary. Latch is operated  
 by pressing button in face of  
 knob.

No. 9530, Dull Brass Finish,  
each .....\$2.00*Packed 6 in a box.*

No. DJ550	Cast Iron,	Dead Black Fin., each.....\$ .60
P550xAC	" "	Anti. Copper Fin., each..... .85
P550xOB	" "	Dull Brass Fin., each..... .85
P550xOBS	" "	Sand Old Brass Fin., each..... .90
P1550xOB	Cast Brass,	Dull Brass Fin., each..... 2.00

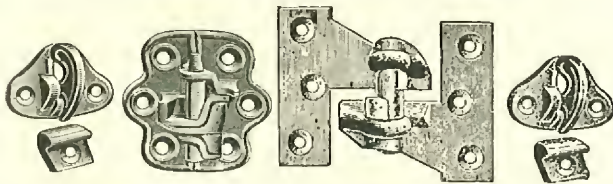
*Packed 6 in a box.*



## SHUTTER HARDWARE

CUTS REDUCED SIZE

## OUTSIDE SHUTTER HINGES



No. 21 (Surface Hinge)

Nos. 0 to 3

## PLAIN CAST IRON

Held open or closed by gravity. One catch with 2 pair of hinges. Hinges are Handed. We send half Right Hand and half Left Hand.

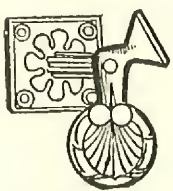
No. 21 is for Shutter flush with casing.

Packed without screws.

No.	Width Open	Throw	Per Pr.
21	2 1/4"	1 1/4"	\$ .20
3	3 1/8"	1 3/8"	.30
2 1/2	3 3/8"	1 3/4"	.35
2	4 1/2"	2 3/4"	.40
1 1/2	5 "	3 1/8"	.45
1	5 1/2"	3 1/4"	.50
0	6 1/2"	4 1/4"	.60

6 Pairs in a package

## SHUTTER TURN BUCKLES



No. 33



No. 31

For holding outside shutters against wall when open.

No. 33 Galvd., Base	2x2" each	\$ .30
31 " Shank	4 1/4" "	.25
7 " Lag Sc.	6 " "	.75

Packed 12 in a box.



No. 7

## OUTSIDE SHUTTER WORKER

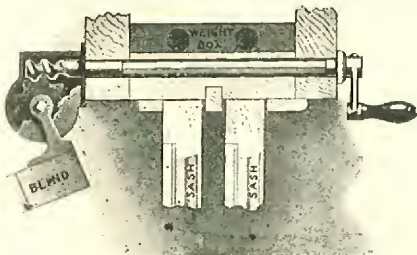
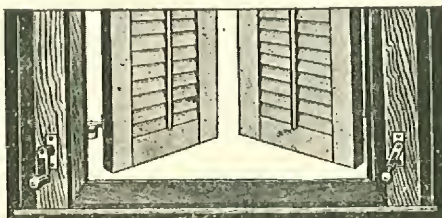


Illustration at left shows inside handle on window casing.

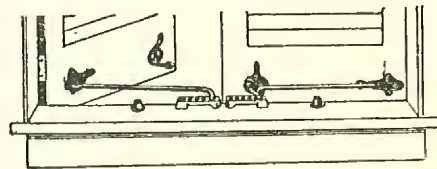


Turning crank on inside of room opens or closes shutter on outside. Shutter is locked in any position. Furnished in several types to suit various conditions and handles finished to match hardware. Send detail showing position of shutter in frame and wall, and give hand if for single shutters. Price on application.

## OUTSIDE SHUTTER FASTENERS

Left Hand

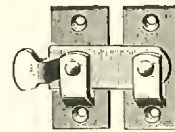
Right Hand



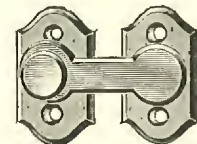
Galvanized with screws. 1 pr. in a box. Locks Shutters to Sill when closed. Holds Shutters open at different positions. Made Right and Left Hand.

10 3/4"	for Shutters 14" or 15" wide,	per Pr.	\$ .90
12 "	" " " 16" or 17" " "	" "	1.00
14 "	" " " 18" or 19" " "	" "	1.10
16 "	" " " 20" or 21" " "	" "	1.20
18 "	" " " 22" or 23" " "	" "	1.35
20 "	" " " 24" or 25" " "	" "	1.50

## BARS FOR INSIDE SHUTTERS



No. 450

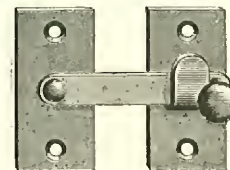


No. 1

No. 450 AC Steel Anti. Copper, size 2 "	ea.	\$ .20
450 OB Steel Dull Brass, size 2" ea.		.20
1 OB Cast Brass, Dull Br., size 2 1/4" ea.		.70

Packed 12 in a box with screws.

## HEAVY STEEL SHUTTER BARS



No. 1124J

No. 1124J Steel Japd., 3", each	\$ .25
---------------------------------	--------

Packed 12 in a box with screws.

## SUMMER DOOR HANGERS

## PLAIN WROUGHT STEEL

For hanging summer door hanging stiles to door jamb, thus permitting summer doors to be removed by lifting off. Also known as Bed Hooks. A pair consists of 2 hook plates, and 2 socket plates.



No. 16851

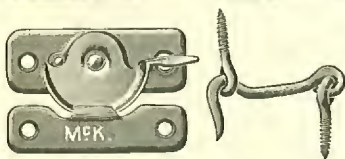
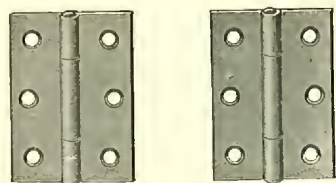


No. 16850

No. 16850—3" Single Hook, Pair	\$ .30
16851—6" Double " "	.60

Packed 12 in a box without screws.





Nos. 1761 and SH4761

### CUTS REDUCED SIZE CELLAR WINDOW SETS WROUGHT STEEL

For top hinged cellar sash. Each set consists of 1 Pr. Narrow Butts  $2\frac{1}{2}$ ", 1 Hook and Eye, 1 Sash Lock.  
No. 1761— $2\frac{1}{2}$ ", Japd., Per set.....\$.25  
No. SH4761— $2\frac{1}{2}$ " rust proof, set .30

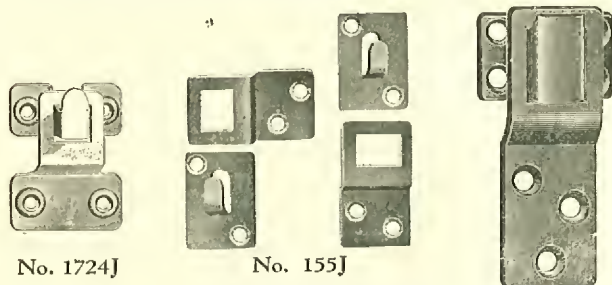
With Screws

Packed one set in a box.

12 sets in a carton.

144 sets in a case.

### SCREEN OR STORM SASH HANGERS



No. 1724J

No. 155J

#### JAPANNED STEEL

No. 1715J

For hanging sash or screens at top to swing out at bottom. Lift off or on. Light weight, easy to apply, no cutting required.  
No. 1724J For Full Length Screens, Light, Per Pr.....\$.15  
1715J For Full Length Screens, Heavy, Per Pr..... .20  
155J For Full or half length Screens, Heavy, Per Pr..... .15  
All packed with screws, 12 pairs in a box.

### SCREEN OR STORM SASH ADJUSTERS



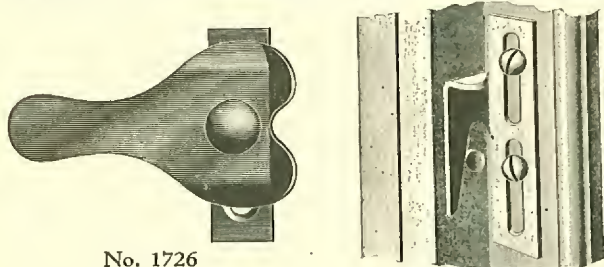
No. 1719

For full length screens or sash only. Locks when closed. Holds open for cleaning window.

No. 1719 Japd. Steel 10" long, Per Pr.....\$.25

Packed with screws. 12 pairs in a box.

### SCREEN OR STORM SASH FASTENERS



No. 1726

No. 1706 1/2

No. 1726 Japanned Steel, Per Pr.....\$.15

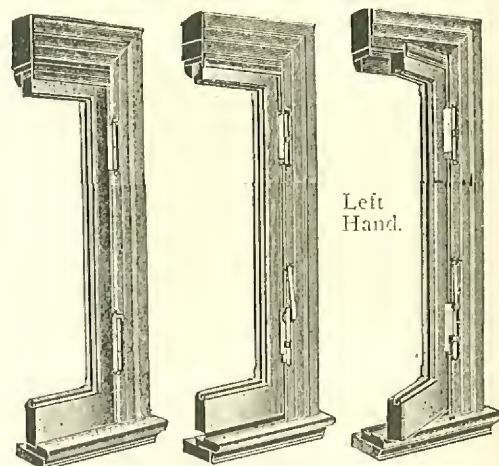
No. 1706 1/2 Japanned Steel, Per Pr..... .20

Packed with screws. 12 pairs in a box.

### OTHER SCREEN HARDWARE

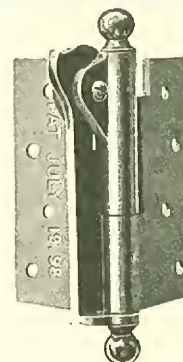
BRACKETS .....	Page	87
CORNERS .....	"	86
CORRUGATED FASTENERS.....	"	199
HINGES .....	"	15
NUMBERS .....	"	99
LIFTS .....	"	141
SPRINGS .....	"	34
SPRING BOLTS.....	"	139
WIRE CLOTH.....	"	221

### GIESEY ELEVATING HINGES FOR CASEMENT WINDOWS



Left Hand.

WINDOW CLOSED. WINDOW RAISED. WINDOW OPEN.



For inward opening sash. Water is excluded from sill. Lever in lower hinge lifts sash up to clear stool when opening. Requires special window frame. Full size working drawings furnished on request. Made in two sizes. If sash are 5 ft. or over in height, use 3 hinge set.

#### CAST IRON

No.	2 Hgs.	3 Hgs.	No.	2 Hgs.	3 Hgs.
Dead Black.....401	\$ 5.00	\$ 6.25	501	\$ 6.00	\$ 8.00
Anti. Copper.....405	8.00	10.00	505	12.00	14.00
Dull Brass.....407	8.00	10.00	507	12.00	14.00
Anti. Brs. Sd.....409	9.00	11.00	509	13.00	15.00

#### BRONZE METAL

Dull Brass.....427	\$14.00	\$17.00	527	\$19.00	\$23.00
Anti. Brs. Sd.....429	14.00	17.00	529	19.00	23.00
Nickel Plate.....430	14.00	17.00	530	19.00	23.00

Packed one set in a box.

### WHITCO HARDWARE



For side hung outward opening casements of medium size. Hangs the sash and holds it in any position from closed to right angles. Permits outside of sash to be washed from inside. Hardware is concealed when sash is closed. Made in one size, for sash not over 28" wide and  $1\frac{3}{8}$  to  $1\frac{3}{4}$ " thick.

Galvd. Steel Whitco Hardware, Per Set.....\$1.75

Solid Brass Whitco Hardware, Per Set..... 2.25

Packed one set in a box with screws.

For other illustrations and description of Whitco Hardware, see page 135 or ask for special circular.

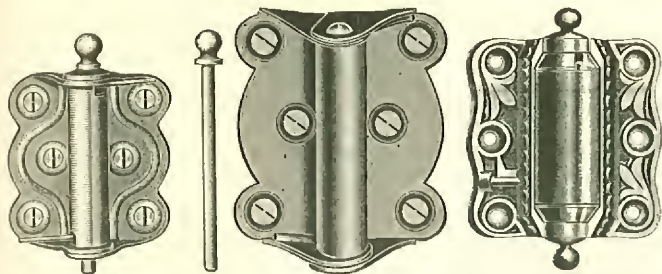


## SPRING HINGES

CUTS REDUCED SIZE

## SCREEN DOOR HINGES

Full Surface Type



Nos. 159 and 1159 Nos. 158 and 1158 Nos. 600 and 600S

## HINGES ONLY

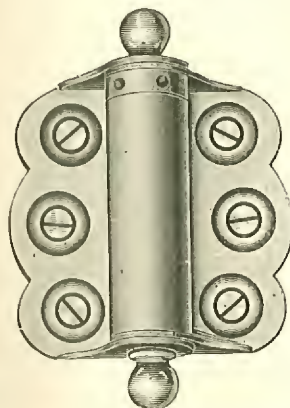
	Per Pr.
No. 159—3" Japd. Wrt. Steel Loose Pin.....	\$.30
No. 158—3" Japd. Wrt. Steel Tight Pin.....	.30
No. 998—3" Japd. Cast Iron Tight Pin.....	.30

*Packed 6 pairs in a box without screws.*

## HINGE SETS

With Hook and Eye, Wire Door Pull and Screws.

	Per Set
No. 1159—3" Japd. Wrt. Steel Loose Pin.....	\$.40
No. 1158—3" Japd. Wrt. Steel Tight Pin.....	.40
No. 998S—3" Japd. Cast Iron Tight Pin.....	.40

*Packed one set in a box with screws.*

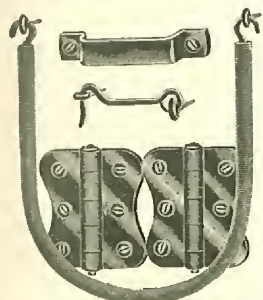
Adjustable Tension—Tight Pin

No.	Per Pr.
1887—3" Japd. Steel .....	\$1.00
1889—3" Anti. Copper on Steel..	1.25
1893—3" Dull Brass on Steel.....	1.25
1827—3" Dull Brass on Brass.....	2.50

*Packed one pair in a box with screws.*

Nos. 1827 to 1893

## SCREEN DOOR SET



Nos. 1751 and 2751 AC

No. 1751 Japd. Steel Screen Door Set consists of 1 Pr. 3x3 Loose Pin Surface Hgs. 1 Coil Spring, size No. 3, 1 Hook and Eye 2 1/2", 1 Door Pull 5 1/4".

Per Set.....\$.30

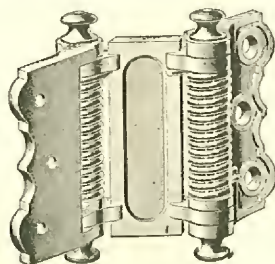
No. 2751AC Anti. Copper on Steel Screen Door Set same items as No. 1751J.

Per Set.....\$.40

*Packed one set in a box with screws.*

No. 18—3" Double Acting Screen Door Hinge, Japd. Cast Iron.

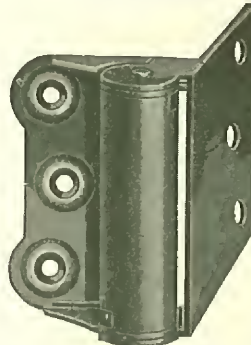
Per Pair.....\$.50

*Packed 6 pairs in a box without screws.*DOUBLE ACTING  
SCREEN DOOR HINGE

No. 18

## SCREEN DOOR HINGES

Half Surface Type



Nos. 605X to 685

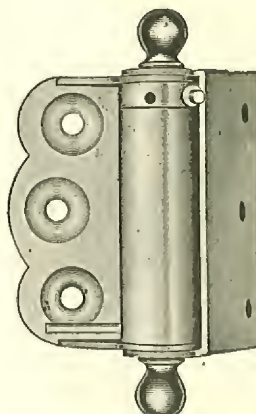
Non Adjustable, Tight Pin.

No. 605X—2 3/4" Japd. Steel.....	\$.50
No. 675 —2 3/4" Anti. Copper on Steel.....	.65
No. 685 —2 3/4" Dull Brass on Steel.....	.65

*Packed 6 pairs in a box with screws.*

Adjustable Tension Ball Tip, Tight Pin.

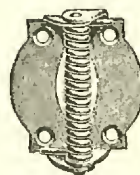
No. 001887—3" Japd. Steel.....	\$1.00
No. 001889—3" Anti. Copper on Steel.....	1.25
No. 001893—3" Dull Brass on Steel.....	1.25
No. 001827—3" Dull Brass on Brass.....	2.75

*Packed one pair in a box with screws.*

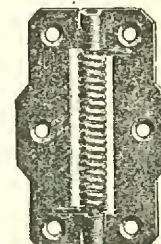
Nos. 001827 to 001893

## CABINET SPRING HINGES

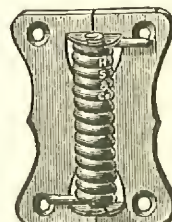
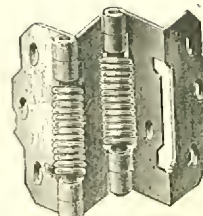
For Light Doors



No. X160



Nos. 23 and 703

Nos. 1366 to 1368 Nos. 33 and 713  
Non-Adjustable Tight Pin.

Nos. 6215 and 6285

No.	Per Pr.
No. X160—1 x 1 3/8" Wrt. Steel, Brass Plated.....	\$.25
No. 1366—2 1/4 x 1 1/8" " " Anti. Copper.....	.30
No. 1368—2 1/4 x 1 1/8" " " Dull Brass.....	.30
No. 1367—2 1/4 x 1 1/8" " " Pol. Nickel.....	.35
No. Sc 23—3" Single Acting Wrt. Steel, Brs. Plated.....	.45
No. Sc 703—3" Single Acting Brass, Plain.....	.65
No. Sc 33—3" Double Acting Steel, Brs. Plated.....	.90
No. Sc 713—3" Double Acting Steel, Brs. Plated.....	1.35

*Packed 12 pair in a box with screws.*

Nos. 6215 and 6285

Adjustable Tension, Tight Pin, Dome Tip Encased Spring. Will go on a 1" Stile.

No.	Per Pr.
No. 6285—3x2" Dull Brass on Steel.....	\$1.60
No 6215—3x2" Pol. Nickel on Steel.....	2.00

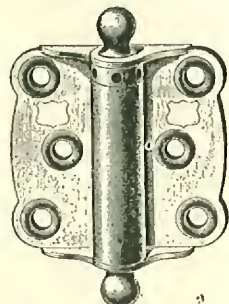
*Packed one pair in a box with screws.*



# SPRING HINGES FOR TOILET DOORS

NICKEL PLATED

## SINGLE ACTING HINGES



Nos. 304 and 334

### FULL SURFACE TYPE

For wood doors and wood jambs.

Wrought Metal

Adjustable Tension

Button Tip

No. 304 3x3" N. P. Steel.....	Per Pr. \$2.75
No. 334 3x3" N. P. Bronze.....	5.00

*Packed one pair in a box with screws.*

### HALF SURFACE TYPE

For wood doors and wood jambs. Doors can be recessed.

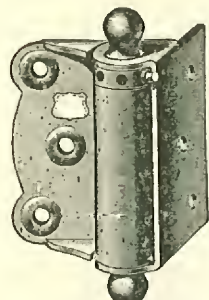
Wrought Metal

Adjustable Tension

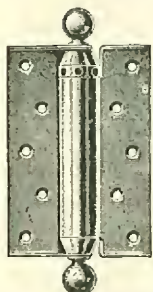
Ball Tip

No. 454—3" N. P. Steel.....	Per Pr. \$2.00
No. 464—3" N. P. Bronze.....	4.00

*Packed one pair in a box with screws.*



Nos. 454 and 464



Nos. 4104 and 4134

### MORTISE OR BUTT HINGE TYPE

For wood door and wood jamb. Set Flush. Hanging strip not required.

Wrought Metal

Adjustable Tension

Ball Tip

No. 4104—4" N. P. Steel.....	Per Pr. \$4.00
No. 4134—4" N. P. Bronze.....	8.00

*Packed one pair in a box with screws.*

### BOX FLANGE TYPE SPRING HINGE

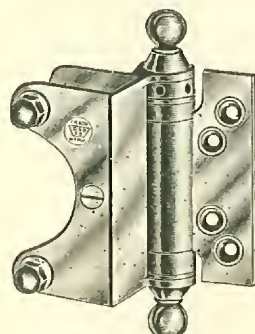
For marble jambs. For jambs 1 1/8" to 1 3/8" thick. Can be furnished to order for other thicknesses of marble.

Wrought Bronze

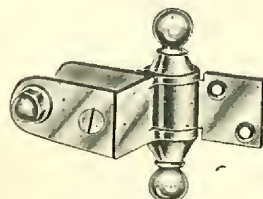
Adjustable Tension—4" Flange Ball Tip

No. 2242—4" N. P. Bronze.....	Per Pr. \$10.00
-------------------------------	-----------------

*Packed one pair in a box with screws for door, and bolts with bonnet nuts for jamb.*



No. 2242



No. 2244

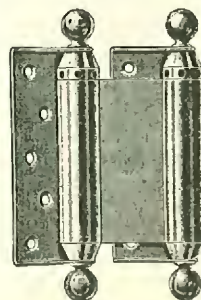
### BOX FLANGE TYPE, BLANK OR SPRINGLESS HINGE

For use in place of one. No. 2242 Hinge at bottom of light door.

No. 2242x2244 N. P. Brz.....	Per Set \$8.50
------------------------------	----------------

*Packed same as No. 2242.*

## DOUBLE ACTING HINGES



Nos. 4204 and 4234

### MORTISE OR BUTT HINGE TYPE

For wood doors and wood jambs. Set Flush. Hanging Strip not required.

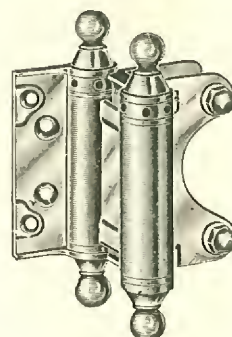
Wrought Metal

Adjustable Tension

Ball Tip

No. 4204—4" N. P. Steel.....	Per Pr. \$ 7.00
No. 4234—4" N. P. Bronze.....	15.00

*Packed one pair in a box with screws.*



No. 2241

### BOX FLANGE TYPE SPRING HINGE

For Marble Jambs. For jambs 1 1/4" thick. Can be furnished to order for other thicknesses of marble.

Wrought Bronze

Adjustable Tension

Ball Tip

No. 2241—4" N. P.....	Per Pr. \$17.00
-----------------------	-----------------

*Packed one pair in a box with screws for door and bolts with bonnet nuts for jamb.*

### PIVOT SPRING TYPE

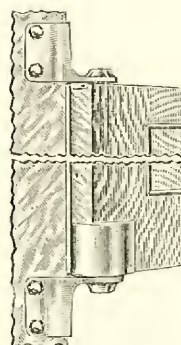
With Box Flange for marble jambs. For jambs 1 1/8" to 1 3/8" thick. Can be furnished to order for other thicknesses of marble or for pipe or wood jambs. Can be adjusted to hold door open instead of closed.

Cast Bronze

Adjustable Tension

No. C6227S N. P.....	Per Pr. \$12.00
----------------------	-----------------

*Packed one set in a box with screws for door and bolts with bonnet nuts for jamb.*



No. C6227S

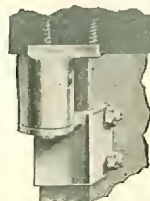
### GRAVITY CLOSING TOILET PIVOT HINGES

With Box Flanges for marble or with curved flanges to fit pipe or with flat back for wood jambs. Especially suited for factory installations.

Not carried in stock. In ordering state kind and width of hanging style, also state whether single or double acting is wanted, and if single acting give hand, and state whether to hold open or closed, and whether wood or hollow metal door.

Made in Galvd. Steel and Bronze, Nickel Plated, also Steel Galvd., but not nickel plated.

Price on request, accompanied with full information.





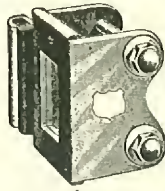
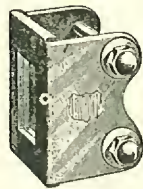
## TOILET DOOR HARDWARE

All Nickel Plated Except No. 996½T Corner and Galvanized Standards  
CUTS REDUCED SIZE

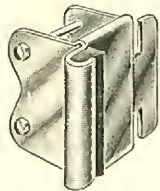
### STRIKES



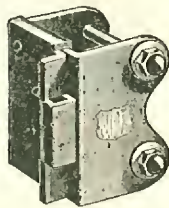
No. 1245

No. 1247D  
No. 1247 (without bolt hole)

No. 1347A



No. 1247C



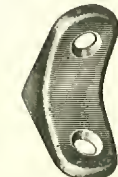
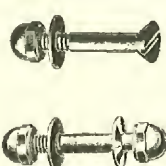
No. 1247H

- Each
- No. 1245 to screw to edge of wood door or jamb, for door opening in or out.....\$ .70
- No. 1247 for door opening in or out.....2.25
- No. 1247D for door opening in or out, for use with Mortise Bolt.....2.50
- No. 1347A for double acting door, for use with Mortise Bolt.....2.50
- No. 1247C for door opening in, for use with Rim Bolt or Latch.....2.50
- No. 1247H for door opening out, for use with Rim Bolt or Latch.....2.50
- Packed one in a box with bolts.

### ANGLES AND BOLTS FOR MARBLE PARTITIONS



No. 390



No. 996½T

- Each
- No. 390 Corner Angle, 1¾x1½" wide, Cast Bronze N. P. without bolts.....\$ .35
- No. 996½T Corner Angle 2x1" wide Wrt. Steel Tinned without bolts......10
- Flat Head Brass Bolt with one Hexagon Bonnet Nut, N. P.... .25
- Double Bonnet Head Bolt N. P......30
- State thickness of marble in ordering bolts.

### TOILET PARTITION STANDARDS

Galvanized Steel Angle Top Plate

About ½" adjustment in length can be had. Wood screws for base and top plate.

Height	6"	8"	10"	12"
Each	\$1.00	\$1.00	\$1.10	\$1.20

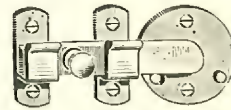
Brass Metal Nickel Plated

Base has peg to go in floor, and does not require screws. Screws furnished for top plate. About ¼" adjustment in length can be had.

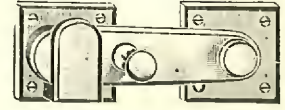
Height	6"	8"	10"	12"
Each	\$2.75	\$3.00	\$3.25	\$3.50

Wrapped separately.

### LATCHES FOR TOILETS



No. P1745

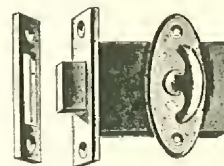


No. P1751

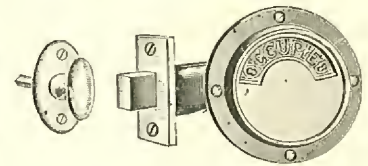
CAST BRONZE

- Each
- No. P1745 Bar 3⅞" long, Strike ¾x2⅞".....\$2.00
- No. P1751 Bar 4⅞" long, Plates 2 x2 ".....2.50
- Packed 2 in a box with screws.

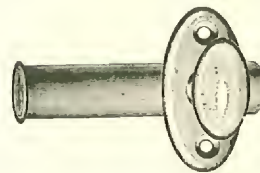
### DOOR BOLTS FOR TOILETS



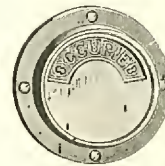
Nos. 5042 and 5242



Nos. PO1762 and P1762



No. 4842



No. P1761

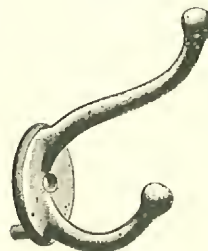
Cast Bronze Trim. Packed with Flat Strikes and Screws.

No.	Type	Case	Backset	Indicator	Each
5242	Mortise	1½x2⅞"	1¾"	None	\$1.50
5042	"	1¼x3½"	2½"	"	1.50
4842	"	1½x2½"	1¾"	"	.55
PO1762	"	1¼x2¾"	2"	3¼"	2.75
P 1762	"	1 x3¼"	2½"	3¼"	2.75
P 1761	Rim	2½x2⅞"	1⅞"	3¼"	3.50

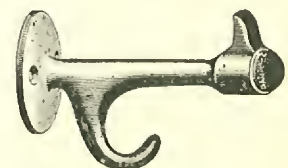
Note: Backset is distance from front edge to center of knob.

Nos. 5242 and 5042 are packed 6 in a box. No. 4842 packed 12 in a box.  
Nos. PO1762 and P1761 are packed 4 in a box.

### COAT HOOKS FOR TOILETS



No. 3790



No. 3610

For other styles of hooks see page 123.

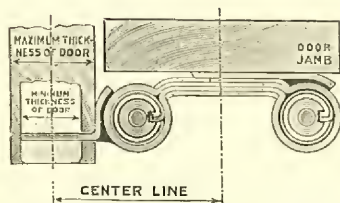
- No. 3790—5" Cast Bronze for bolting to marble, without bolt. Each .....\$1.50
- No. 3610—3½" Cast Bronze, combined hook, and door stop, for screwing to door, with screws. Each .....\$1.35

Packed 10 in a box.

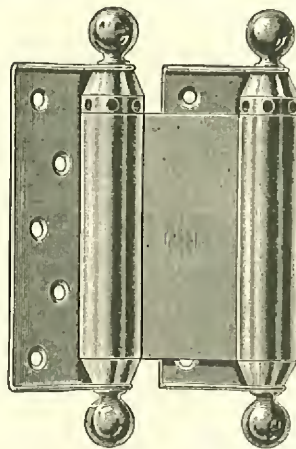


## SINGLE AND DOUBLE ACTING JAMB SPRING HINGES

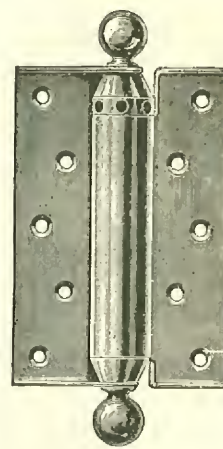
We Furnish New Style, Requiring No Hanging Strip. Old Style Furnished If Required.



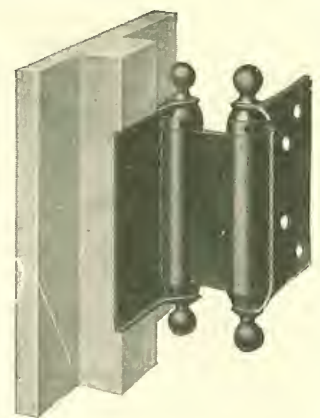
The New Style Requires No Hanging Strip



Double Acting



Single Acting



The Old Style Requires a Hanging Strip

### DOUBLE ACTING SPRING BUTT HINGES

#### PRICE PER PAIR

Size (Height of Flange).....	3"	4"	5"	6"	7"	8"	10"
For Doors (thickness).....	$\frac{3}{4}$ -1"	$\frac{7}{8}$ -1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ -1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ -1 $\frac{3}{4}$ "	1 $\frac{3}{8}$ -2"	1 $\frac{1}{2}$ -2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ -2 $\frac{1}{2}$ "
Dead Black Japd. on Steel.....	\$ 3.70	\$ 4.40	\$ 5.20	\$ 6.40	\$ 8.20	\$11.90	\$16.40
Antique Copper on Steel.....	5.00	6.00	7.00	8.90	11.50	16.40	22.60
Dull Brass on Steel.....	5.00	6.00	7.00	8.90	11.50	16.40	22.60
Dull Brass on Brass.....	14.60	16.80	20.30	25.00	31.90	42.90	57.90

### SINGLE ACTING SPRING BUTT HINGES

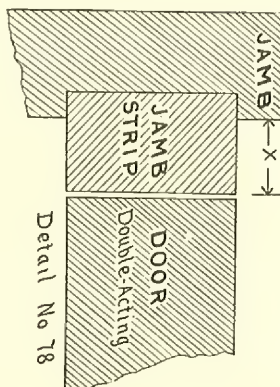
#### PRICE PER PAIR

Size (Height of Flange).....	3"	4"	5"	6"	7"	8"
For Doors (thickness).....	$\frac{3}{4}$ -1"	$\frac{7}{8}$ -1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ -1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ -1 $\frac{3}{4}$ "	1 $\frac{3}{8}$ -2"	1 $\frac{1}{2}$ -2 $\frac{1}{4}$ "
Dead Black Jap. on Steel...\$	2.20	\$ 2.70	\$ 3.10	\$ 3.80	\$ 4.90	\$ 7.10
Antique Copper on Steel...	2.90	3.60	4.20	5.30	6.90	9.90
Dull Brass on Steel.....	2.90	3.60	4.20	5.30	6.90	9.90
Dull Brass on Brass.....	8.10	9.90	11.90	15.00	19.10	25.70

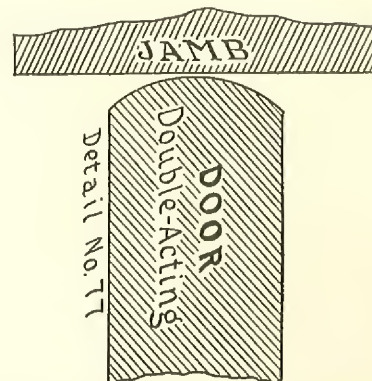
*Packed one pair in a box with screws.*

Note: Solid Brass Hinges not carried in stock.

#### DETAILS OF HINGE STILES AND JAMBS



For Jamb Hinges  
Hinge edge of door square

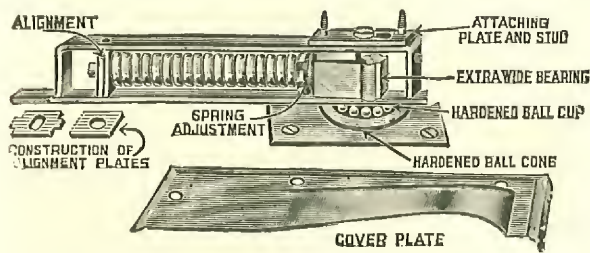


Left Side Right Side  
For Double Acting Floor Hinges  
Hinge edge of door round



## DOUBLE ACTING FLOOR SPRING HINGES

All packed with top pivots.

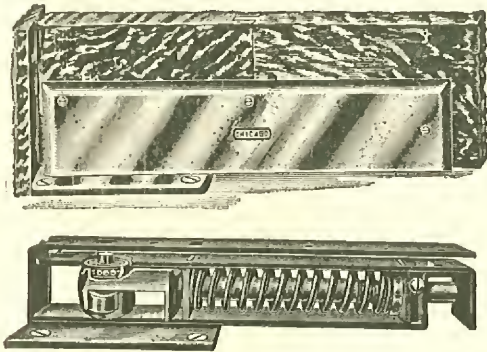


Shelby "Chief"

Has Tension and alignment adjustment. Ball Bearing, for doors  $1\frac{1}{8}$  to  $1\frac{3}{4}$  inches thick.

No. 42 Antique Copper Fin. on steel, Set.....	\$1.75
No. 15 Dull Brass Fin. on steel, Set.....	1.75
No. 31 Sand Old Brass Fin. on steel, Set.....	2.00
No. 39 Nickel Dull Finish on steel, Set.....	2.00

One set in a box, 25 sets in a case.



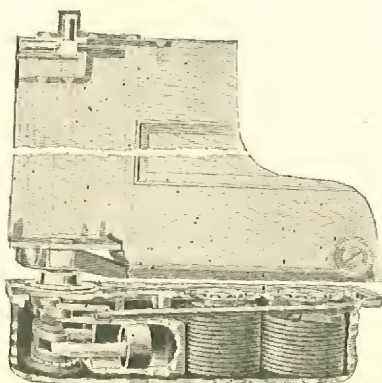
Chicago "Premier"

Chicago "Premier"

The most durable and heaviest hinge of this type. Ball Bearing at top of hinge. Tension and alignment adjustment. Furnished with Flat Floor Plate; also with Angle Jamb Plate.

Made in two sizes. Holds open at 90 degrees.	For Doors	
	Size $1\frac{1}{8}$ to $1\frac{3}{4}$ "	$1\frac{3}{4}$ to $2\frac{3}{4}$ "
With Floor Plate.		
No. 4171 Anti. Copper on Steel, Per Set.....	\$4.00	\$5.50
No. 4281 Dull Brass on Steel, Per Set.....	4.00	5.50
No. 4181 OBS Sand Old Brass on Steel, Per Set.....	4.50	6.25
With Angle Jamb Plate for Concrete Floors.		
No. J4171 Anti. Copper on Steel, Per Set.....	\$4.60	\$6.35
No. J4281 Dull Brass on Steel, Per Set.....	4.60	6.35
No. J4181 OBS Sand Old Brass Steel, Per Set.....	5.20	7.25

One set in a box.



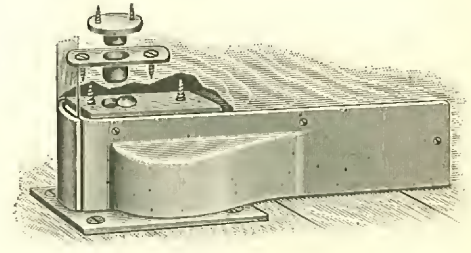
Rixson Nos. 30 and 40

Nos. 30 and 40 are for use on heavy entrance doors which are subject to strong inward draft in cold weather. To meet this condition they have one set of spring and check for outside of door, and another set for the inside, any of which can be adjusted separately. These hinges are very large and heavy, and come with cement box attached.

No. 30— $14\frac{3}{4} \times 5\frac{1}{2}$ " for door not over 2' 10" x 7' 6" each.....	\$55.00
No. 40— $17\frac{1}{8} \times 6\frac{1}{8}$ " " " " " 3' 6" x 7' 6" each.....	90.00

Brass Floor Plate—Non Hold Back.

One set in a wood case

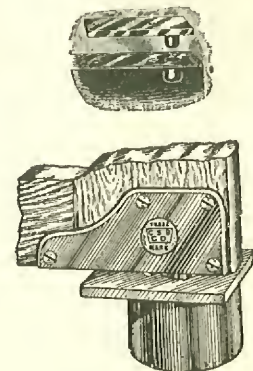


Shelby "Eclipse"

Ball Bearing, and has alignment feature. For doors  $1\frac{1}{8}$  to  $1\frac{3}{4}$  inches thick.

No. E40 Anti. Copper Fin. on Steel, Set.....	\$1.50
No. E50 Dull Brass Fin. on Steel, Set.....	1.50

One set in a box, 25 sets in a case.



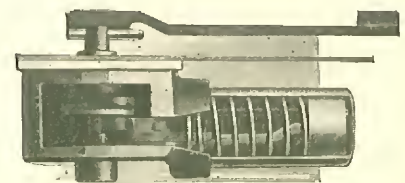
Chicago—Mortise Type

Ball Bearing—Non Hold Back Hinge imbeds in floor. Use Cast Metal Box for tile or cement floor.

	For Doors	
	Size $1\frac{3}{8}$ to 2"	2 to $2\frac{1}{2}$ "
No. 5001 Dead Blk. Japd. Iron... \$	5.20	\$ 8.00
No. 5281 Dull Brass Pltd. Iron... \$	7.75	11.75
No. 5181 OBS Sd. Old Br. Iron	9.25	13.75
No. 5071 Dull Brs. on Brass.....	14.50	21.75
Cast Metal Box.....	2.70	3.60

One set in a box.

## RIXSON DOUBLE ACTING CHECKING FLOOR HINGES



Rixson Nos. 10 and 15

For Interior Doors, holds back at 90 degrees. Brass Floor Plate  $4\frac{1}{2} \times 8\frac{1}{8}$  inches. Dimensions same on both sizes.

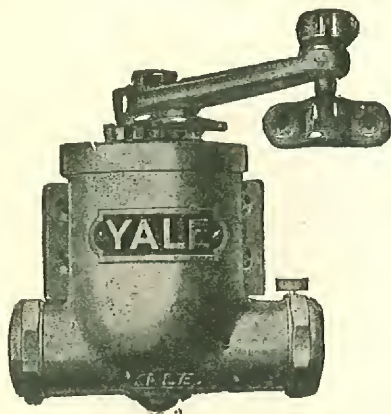
No. 10 for doors up to 2' 8" wide, each...	\$18.00
No. 15 for doors up to 3' 0" wide, each...	21.60
Cement Box for No. 10 or No. 15.....	1.25

One set in a box.

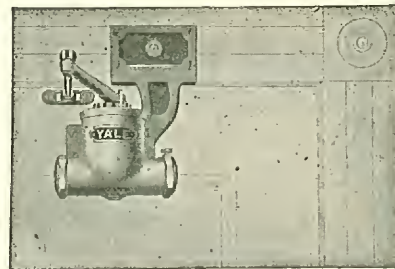
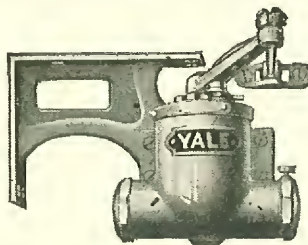


## DOOR CHECKS OR CLOSERS AND SUPPLIES

## YALE DOOR CLOSERS



The Yale Closer



Closer on Corner Bracket

Closer on Flush Bracket

The Yale Closer can be used on Right or Left Hand Doors without turning over the spring. Spring is made of many coils of flat wire wound vertically. Checking of door is accomplished by use of non-freezing liquid in the lower chamber.

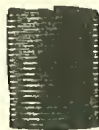
## GOLD BRONZE PAINTED

	Closer Each	LIST PRICES		Spring or Coil
		Corner Bracket	Flush Bracket	
No. 71 For very light inside doors.....	\$ 6.20	\$ .95	\$ .90	\$1.15
No. 72 For light inside doors.....	8.10	1.30	.95	1.15
No. 73 For medium inside doors.....	9.60	1.40	1.30	1.35
No. 74 For medium outside doors.....	11.50	1.85	1.40	1.70
No. 75 For heavy outside doors.....	15.30	2.25	1.75	2.50

Note: Spring for old style Yale Closers same price as new style.



Old Yale Coil



New Yale Coil

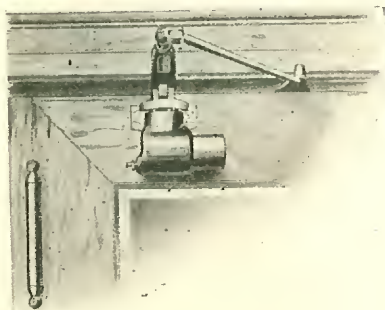
## RIXSON DOUBLE ACTING DOOR CHECK

## LIQUID CHECKING

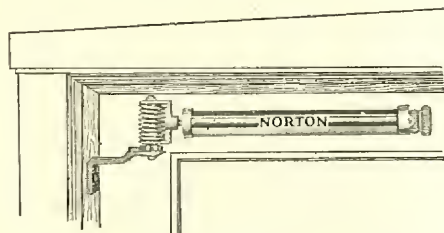
There is no spring in this device. It must be used on doors equipped with spring hinges.

Check is equipped with two independent valves which permit heavy checking power on one side of the door and very little checking power on the opposite side. This is an important feature on outside doors. This check will bring the door slowly to rest at closed point and without any flip-flap. Can be applied to a Right or Left Hand Door on the inside or outside without any change. When used with double acting Jamb Hinges order Double Acting Auxiliary Hinge to use above Upper Hinge.

No. 44 Gold Bronze Painted, Double Acting Check, each.....\$14.50  
Auxiliary Hinge, each.....1.25



Rixson No. 44 Check

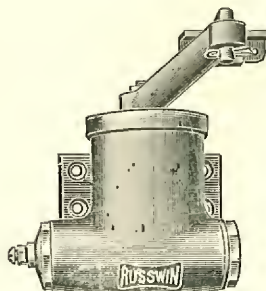


Norton Air Check and Spring

For Screen and other very light doors. Can be applied to either side of door. If used on inside of screen door, requires only  $1\frac{3}{4}$ " space between doors. Adjustable Tension and Check.

No. 4 Painted Gold Bronze, each.....\$2.25

One in a box.



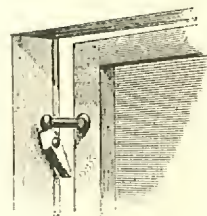
No. 7 Russwin Liquid Check and Spring for very light doors.

Tension is set at factory and is not adjustable. Liquid check is adjustable. Can be applied to either side of door. If used on inside of screen door, requires space of 3" between doors.

## GOLD BRONZE PAINTED

No. 7 Russwin Screen Door Check.  
Each .....\$4.00

One in a box.



Rubber Screen Door Check

A simple and inexpensive way of stopping bang of screen doors. Bumper is made of Rubber. Plunger on door is cast iron.

Price, each.....\$1.15

Packed 12 in a box.

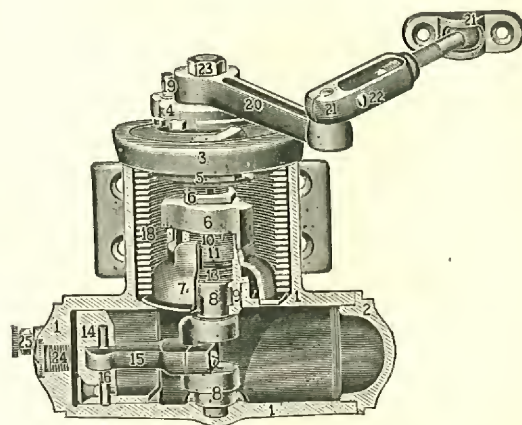
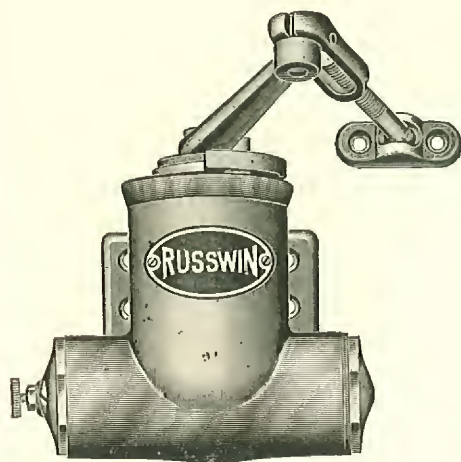
## NON-FREEZING LIQUID FOR DOOR CHECKS

Put up in sealed tin cans.

	Half Pints	Pints	Quarts	Half Gallons	Gallons
Each .....	\$ .75	\$1.00	\$1.85	\$3.50	\$6.50



## RUSSWIN LIQUID DOOR CHECKS

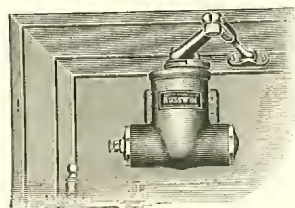


The New Model Russwin Door Check has all of the features that have proven to be best in door checks. It is a Universal Check, that is suitable for Right or Left Hand doors without changing the spring or anything else. The great length of the vertically coiled flat wire spring permits of 100% increase in tension, and spring breakage is rare. Checking action begins with door open at 90 degrees, and continues to closed point. Working parts are made of malleable iron and drop forgings carefully machined. The check is filled with a non-freezing liquid and possibility of leakage has been reduced to a minimum.

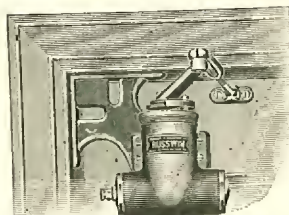
Note: List prices given below are not the Russell & Erwin Mfg. Co. lists.

Size	Suitable For	Finish G. B. Gold Painted	Finish S. B. Silver Painted	Finish 309C Old Brass Painted	Extra For Holder Arm
A	Very light inside doors, each.....	\$ 6.20	\$ .....	\$ 8.85	\$ 1.50
B	Medium inside doors, each.....	8.10	8.10	10.35	1.50
C	Heavy inside doors, each.....	9.60	9.60	12.25	1.50
D	Medium outside doors, each.....	11.50	.....	16.05	.....
E	Heavy outside doors, each.....	15.30	.....	.....	.....
F	Very heavy outside doors, each.....	19.15	.....	.....	.....

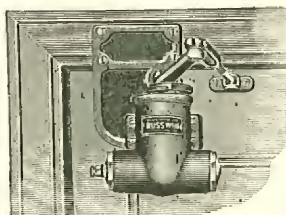
Each check packed in a strong card board box with screws and directions. The Holder Arm holds door open when desired, and takes place of holder on bottom of door.



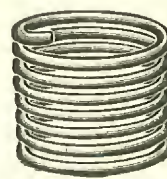
Check on Door



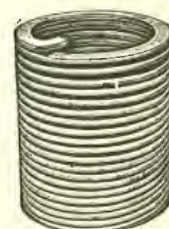
Check on Corner Bracket



Check on Flush Bracket



1906 Model  
Spring



1914 Model  
Spring

Note: List prices given below are not the Russell & Erwin Mfg. Co. lists.

### BRACKETS FOR RUSSWIN DOOR CHECKS

Size	Finish G. B. Gold Painted		Finish S. B. Silver Painted		Finish 309C Old Brass Painted	
	Corner	Flush	Corner	Corner	Corner	Corner
A Each.....	\$ .95	\$ .90	\$ .95	\$1.10	\$1.15	\$1.15
B " .....	1.30	.95	1.30	1.45	1.15	1.15
C " .....	1.40	1.30	1.40	1.55	1.35	1.35
D " .....	1.85	1.40	1.85	2.00	1.70	1.70
E " .....	2.25	1.75	2.25	2.40	2.50	2.50

### SPRINGS OR COILS

1914 Model	1906 Model
\$1.15	\$1.15
1.15	1.15
1.35	1.35
1.70	1.70
2.50	2.50

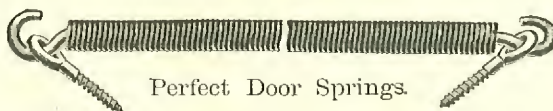
### COMPARATIVE TABLE OF DOOR CHECK SIZES

RUSSWIN	YALE	CORBIN	SARGENT	READING	RIXSON	RIXSON	NORTON	KEIL
A	71	1	321	A		1	A	1
B	72	2	322	B	A	2	B	2
C	73	3	323	C	B	3	C	3
D	74	4	324	D	C	4	D	4
E	75	5	325	E	D	5	E	5
F	76	6	326	F	E	6	F	6



## DOOR SPRINGS

CUTS REDUCED SIZE



Perfect Door Springs.

## Japanned Steel with Screw Eyes

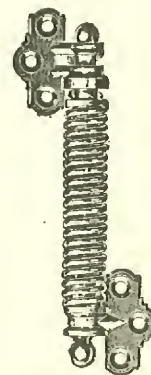
No. 2— $\frac{5}{16}$ "	Diameter	17" long, each.....	\$.08
No. 3— $\frac{3}{8}$ "	"	17" " " .....	.08
No. 4— $\frac{7}{16}$ "	"	17" " " .....	.10
No. 5— $\frac{1}{2}$ "	"	17" " " .....	.10
No. 6— $\frac{1}{2}$ "	"	17" long, Extra Heavy, each.....	.15

## Bronze Wire with Screw Eyes

No. 13— $\frac{3}{8}$ "	Diameter	16" long, loop ends, each.....	\$.40
-------------------------	----------	--------------------------------	-------

*Packed 12 in a box.*Nos. 280 to 282  
Nos. 230 to 232

No. 283



No. 270

## ADJUSTABLE TENSION DOOR SPRINGS

## IRON—Japanned

No. 280—9" long, for very light doors, each.....	\$.25
No. 281—11" long, for very light doors, each.....	.35
No. 282—13" long for medium doors, each.....	.50
No. 283—14" long for heavy doors, each.....	.65

*Nos. 282 and 283 are packed 5 in a box, other sizes 10 in a box without screws.*

## IRON—Antique Copper Plated

No. 290—9" long for very light doors, each.....	\$.70
No. 291—11" long for light doors, each.....	.90
No. 292—13" long for medium doors, each.....	1.10

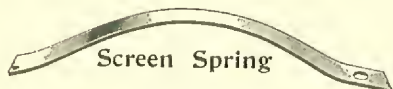
*Packed 10 in a box with screws.*

## RELIANCE DOOR SPRINGS

Ratchet Self Retaining Tension Adjustment

## IRON—Japanned

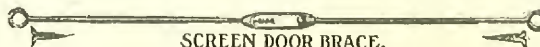
No. 270L—7" long for light doors, each.....	\$.30
No. 270M—8" long for medium doors, each.....	.40
No. 270H—10" long for heavy doors, each.....	.60

*7" Packed 10 in a box. 8" and 10" packed 5 in a box without screws.*

Screen Spring

Used on half length slide up window screens  
in order to hold screen at any desired height.

## Sliding Screen Springs

 $\frac{1}{4}$ " wide, per 100.....\$2.00

SCREEN DOOR BRACE.

See Page 87

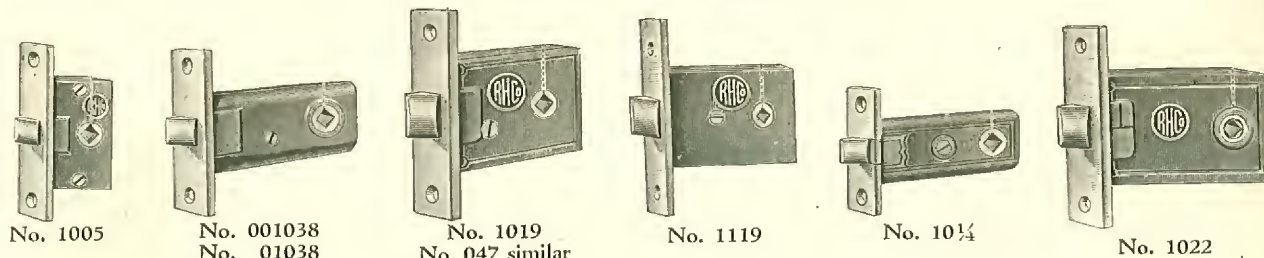


## MORTISE KNOB LATCHES

CUTS REDUCED SIZE

Suitable Trim for Knob Latches on pages 44 to 47.

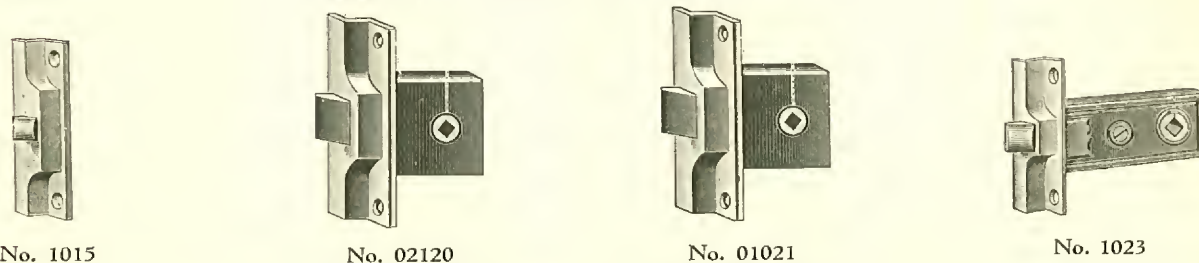
## FLAT FRONT KNOB LATCHES



		ALL FOR $\frac{5}{16}$ " SPINDLE				
No.	Finish	Backset	Case	Front	Bolt & Front	Each
1005 OB	Dull Brass	1 "	2 1/4 x 2 1/2 x 1 1/2 "	2 1/2 x 3/4 "	Bronze	\$1.00
001038 OB	" "	1 1/2 "	1 5/8 x 2 1/8 x 5/8 "	3 3/8 x 7/8 "	"	1.00
047 OB	" "	1 1/2 "	2 1/2 x 2 1/4 x 3/4 "	4 3/8 x 1 1/8 "	"	2.00
01038 OB	" "	1 7/8 "	1 5/8 x 2 1/2 x 3/8 "	3 3/8 x 7/8 "	"	1.00
1019 OB	" "	2 1/8 "	2 1/4 x 2 7/8 x 1 1/8 "	4 1/4 x 1 "	"	1.75
10 1/4 OB	" "	2 1/2 "	1 1/4 x 3 3/8 x 1 1/2 "	2 5/8 x 7/8 "	Steel	.35
1119 OB	" "	2 1/2 "	2 x 3 1/4 x 3/8 "	4 1/8 x 1 1/8 "	Bronze	2.00
026 OB	" "	2 1/2 "	1 5/8 x 3 1/2 x 3/8 "	3 1/4 x 7/8 "	"	2.00
1038 OB	" "	2 3/8 "	1 5/8 x 3 1/4 x 3/8 "	3 3/8 x 7/8 "	"	1.00
1022 OB	" "	3 "	2 1/4 x 3 3/4 x 3/4 "	4 1/4 x 1 1/8 "	"	2.50

Note: Nos. 1119, 026 and 1022 are heavy latches.  
All packed 6 in a box with screws.

## RABBETED FRONT KNOB LATCHES



		ALL HAVE 1/2" RABBIT, ALL FOR $\frac{1}{16}$ " SPINDLE				
No.	Finish	Backset	Case	Front	Bolt & Front	Each
1015 OB	Dull Brass	1/2-1 "	2 1/4 x 1 1/2 x 1 1/2 "	3 3/4 x 3/4 "	Bronze	\$1.75
02120 OB	" "	1 1/4-1 3/4 "	2 x 2 1/2 x 1 1/8 "	4 1/4 x 1 1/8 "	"	2.75
047 1/2 OB	" "	1 1/2-2 "	2 1/2 x 2 1/4 x 3/4 "	4 3/4 x 1 1/8 "	"	3.50
01021 OB	" "	1 1/2-2 "	2 3/8 x 2 7/8 x 1 1/8 "	4 1/4 x 1 1/8 "	"	2.50
1021 OB	" "	1 7/8-2 3/8 "	2 1/4 x 3 1/4 x 1 1/8 "	4 1/4 x 1 1/8 "	"	2.50
1023 OB	" "	2 -2 1/2 "	1 1/2 x 3 1/8 x 1 1/8 "	3 1/4 x 7/8 "	"	1.50
2119 OB	" "	2 -2 1/2 "	2 x 3 1/4 x 5/8 "	4 1/4 x 1 1/8 "	"	3.00

Note: Nos. 047 1/2 and 2119 are heavy latches.  
All packed 6 in a box with screws.

## FLAT FRONT HANDLE MORTISE LATCHES



No.	Finish	Backset	Case	Front	Bolt & Front	Each
1016 OB	Dull Brass	2 "	2 7/8 x 3 1/4 x 1 1/8 "	4 3/4 x 1 1/8 "	Bronze	\$2.50
1017 OB	" "	2 1/2 "	2 3/8 x 3 3/8 x 5/8 "	4 5/8 x 1 "	"	2.50

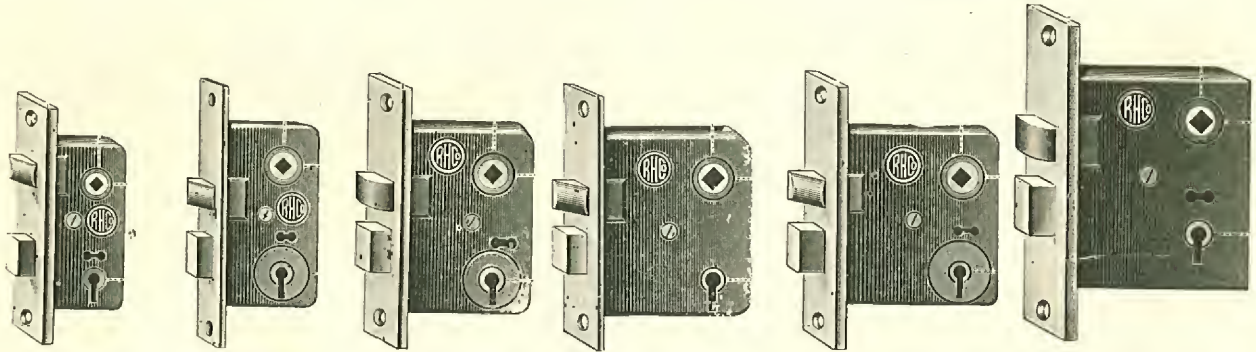


## MORTISE INSIDE LOCKS

CUTS REDUCED SIZE

Note: Look for complete set of locks (pages 51 to 59) packed with desired lock and if not found specify lock and trim, thus, (example) 1222 MK x 5628 Benton OBS.

Note: All Bronze front locks have Cast Bronze Bolts with Easy Springs.



No. 01101

Nos. 00859 $\frac{3}{4}$   
and 001160Nos. 0857 $\frac{3}{4}$   
and 1105Nos. 857 $\frac{3}{4}$   
Similar to Nos. 01000,  
1167, 1168 and 0370No. 1168 MK  
and 380 $\frac{3}{4}$  MKNo. 1222 MK  
and 382 $\frac{3}{4}$  MK

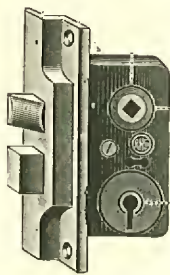
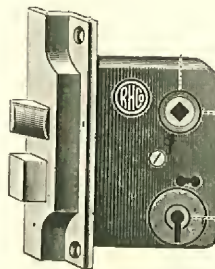
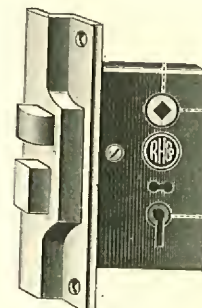
## FLAT FRONT LOCKS

Specify Finish Desired, Stock Finishes, AC, OB, OBS and N.

No.	Backset	Spacing	Case	Tumblers	Key	Changes	Front	Each
01101	1"	2 $\frac{1}{4}$ "	3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	1	24	4 $\frac{3}{4}$ x $\frac{3}{4}$ "	Cast Bronze.....	\$1.75
00859 $\frac{3}{4}$	1 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	24	5 $\frac{1}{4}$ x $\frac{7}{8}$ "	Wrt. Steel.....	.85
001160	1 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	24	5 $\frac{1}{2}$ x $\frac{7}{8}$ "	Cast Bronze.....	1.50
0859 $\frac{3}{4}$	2"	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{3}{4}$ x $\frac{9}{16}$ "	1	24	5 $\frac{1}{2}$ x $\frac{7}{8}$ "	Wrt. Steel.....	.85
01160	2"	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{3}{4}$ x $\frac{9}{16}$ "	1	24	5 $\frac{1}{2}$ x $\frac{7}{8}$ "	Cast Bronze.....	1.50
857 $\frac{3}{4}$	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	12	5 $\frac{1}{4}$ x $\frac{7}{8}$ "	" " " " " " " "	.60
01000	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{1}{2}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	12	5 $\frac{1}{4}$ x $\frac{7}{8}$ "	Wrt. Steel.....	.60
1167	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	24	5 $\frac{3}{8}$ x $\frac{15}{16}$ "	Cast Bronze.....	1.50
1168	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	3	48	5 $\frac{3}{8}$ x $\frac{15}{16}$ "	" " " " " " " "	1.75
0370	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{1}{2}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	1	12	5 $\frac{1}{2}$ x $\frac{7}{8}$ "	" " " " " " " "	1.50
1168 MK	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{9}{16}$ "	3	48	5 $\frac{3}{8}$ x $\frac{15}{16}$ "	" " " " " " " "	2.00
380 $\frac{3}{4}$ MK	2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{1}{2}$ x3 $\frac{3}{8}$ x $\frac{5}{8}$ "	3	48	5 $\frac{1}{2}$ x1"	" " " " " " " "	3.50
1222 MK	2 $\frac{9}{16}$ "	2 $\frac{3}{8}$ "	4 $\frac{1}{4}$ x3 $\frac{1}{2}$ x $\frac{5}{8}$ "	3	48	6 $\frac{1}{8}$ x1 $\frac{1}{8}$ "	" " " " " " " "	4.00
382 $\frac{3}{4}$ MK	2 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	4 $\frac{1}{4}$ x3 $\frac{1}{2}$ x $\frac{5}{8}$ "	3	48	6 $\frac{1}{4}$ x1 $\frac{3}{16}$ "	" " " " " " " "	5.00

Nos. 1168 MK and 1222 MK are made to order only.

Packed 6 in a box with strikes and screws.

Nos. 00959  
and 002160No. 02160  
No. 2160 similar

No. 01212

## RABBETED FRONT LOCKS

Specify Finish desired, and hand of lock. Stock finish OB.

No.	Backset	Spacing	Case	Tumblers	Key	Changes	Front	Each
00959	1 - 1 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{1}{4}$ x $\frac{5}{8}$ "	1	24	5 $\frac{1}{8}$ x $\frac{7}{8}$ "	Cast Iron.....	\$1.25
002160	1 - 1 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{1}{4}$ x $\frac{5}{8}$ "	1	24	5 $\frac{1}{8}$ x $\frac{7}{8}$ "	Cast Bronze.....	2.75
02160	1 $\frac{1}{2}$ -2"	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x2 $\frac{3}{4}$ x $\frac{5}{8}$ "	1	24	5" x $\frac{7}{8}$ "	" " " " " " " "	2.75
2160	2 - 2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{5}{8}$ "	1	24	5" x $\frac{7}{8}$ "	" " " " " " " "	2.75
01212	1 $\frac{1}{2}$ -2"	2 $\frac{1}{4}$ "	4 $\frac{1}{4}$ x3" x $\frac{5}{8}$ "	3	48	6 $\frac{1}{4}$ x1 $\frac{3}{16}$ "	" " " " " " " "	5.00

Note: No. 01212 can be masterkeyed and in the same set with No. 1222 MK shown above, to order only.

Packed 6 in a box with strikes and screws.

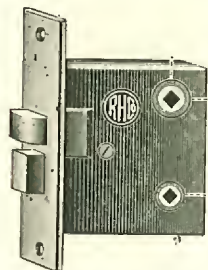


## MORTISE LOCKS WITH TURN KNOBS

CUTS REDUCED SIZE

Note: See pages 44 to 47 for separate trim which we can furnish from stock, for use with these locks. Design trim, pages 51 to 59 can also be furnished from factory to fit these locks.

## BATH DOOR LOCKS

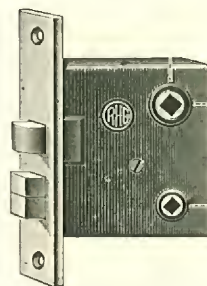


Nos. 01180 and 233  
No. 1282 is larger

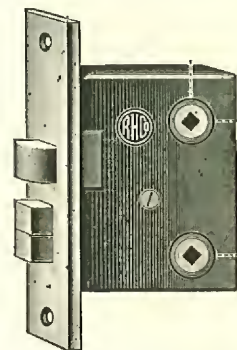


Emergency Key

## COMMUNICATING DOOR LOCKS



Nos. 1181 and 233 1/2



Nos. 1182 and 236 1/2

## ALL HAVE CAST BRONZE FRONT AND BOLTS

Specify finish desired, OB and N are stock finishes.

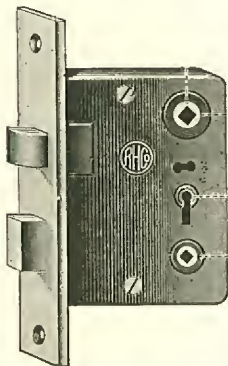
No.	Bolts	Backset	Spacing	Case	Front	For Turn Knobs	Each
01180	2	2 1/2"	2 1/4"	3 1/2 x 3 1/4 x 5/8"	5 1/4 x 1"	One 3/16"	\$1.50
233	2	2 1/2"	2 1/4"	3 1/2 x 3 1/4 x 5/8"	5 1/2 x 7/8"	" 3/16"	2.50
1282	2	2 3/4"	2 7/8"	4 3/8 x 3 1/2 x 3/4"	6 5/8 x 1 1/8"	" 3/16"	3.50
1181	3	2 1/2"	2 1/4"	3 5/8 x 3 1/4 x 5/8"	5 1/2 x 1"	Two 3/16"	2.00
233 1/2	3	2 1/2"	2 1/4"	3 1/2 x 3 1/4 x 5/8"	5 1/2 x 7/8"	" 3/16"	3.25
236 1/2	3	2 3/4"	2 3/8"	4 x 3 1/2 x 5/8"	5 7/8 x 1"	" 3/16"	5.00
1182	3	2 3/4"	2 7/8"	4 3/8 x 3 1/2 x 3/4"	6 5/8 x 1 1/8"	" 3/16"	3.75

Note: Nos. 01180 and 233 are furnished with Emergency Key.

Nos. 1181, 233 1/2, 236 1/2 and 1182 can be bolted by turn knob from either or Both sides.

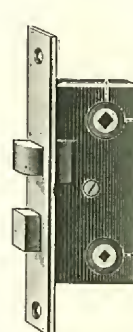
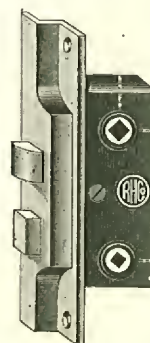
Packed 6 in a box with strikes and screws.

## EMERGENCY LOCKS



Nos. 1189 and 0022 3/4

## FRENCH DOOR LOCKS

Nos. 001122  
and 01122Nos. 002222  
and 02222

## ALL HAVE CAST BRONZE FRONT AND BOLTS

Specify finish desired, OB and N are stock finishes.

Emergency Locks—Key on outside unlocks when bolted on inside by turn knob.

No.	Backset	Spacing	Case	Front	Tumblers	Changes	Each
1189	2 3/4"	2" & 3 3/16"	4 3/4 x 3 1/2 x 5/8"	7 x 1"	3	48	\$4.50
0022 3/4	2 3/4"	2 1/16" & 3 1/2"	5 x 3 5/8 x 5/8"	7 x 1 1/16"	3	48	6.00

French Door Locks—Bolted by turn knob inside, cannot be unbolted from outside.

No.	Backset	Spacing	Case	Front	For Turn Knob	Each
001122	1 1/2"	2 7/8"	4 1/4 x 2 1/4 x 5/8"	6 1/4 x 1" Flat	One 3/16"	\$3.00
01122	2"	2 7/8"	4 1/4 x 2 3/4 x 5/8"	6 1/4 x 1" Flat	" 3/16"	3.00
002222	1" - 1 1/2"	2 7/8"	4 1/4 x 2 1/4 x 5/8"	6 5/8 x 1 1/16" Rabbeted	" 3/16"	4.00
02222	1 1/2" - 2"	2 7/8"	4 1/4 x 3 x 5/8"	6 5/8 x 1 1/8" Rabbeted	" 3/16"	4.00

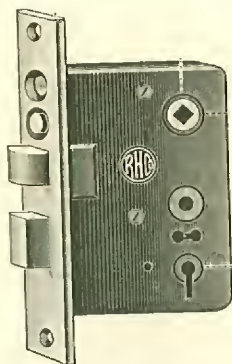
Packed 6 in a box with strikes and screws.



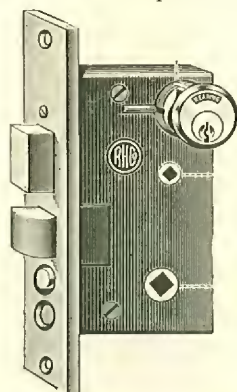
## FRONT DOOR LOCKS

CUTS REDUCED SIZE

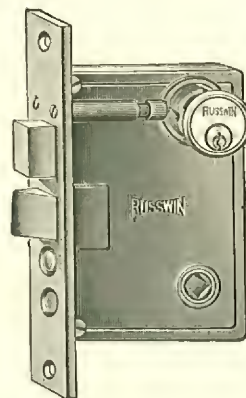
Note: See complete lock sets, pages 51 to 59. If complete set with desired lock is not found, specify thus; (example) 001701x 17621 Benton OBS, also see pages 44 to 47 for separate trim for use with these locks.



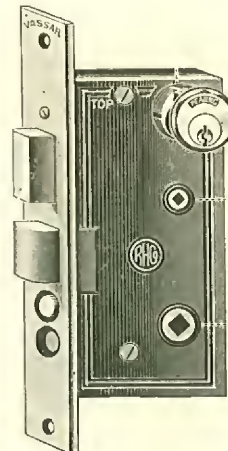
No. 01342  
No. 0122 is similar  
No. 1342 has hub for  
inside thumb turn



Nos. 01600 and 1600



No. 01248



Nos. 001701 and 1701

Specify finish desired, OB and OBS are stock finishes. All have cast bronze front and bolts.

## BIT KEY FRONT DOOR LOCKS

Outside Knob is set by stop in front.

No.	Backset	Spacing	Case	Front	Tumblers	Changes	Hub	Each
01342	2 3/8"	3 1/4"	5 x 3 1/2 x 3/8"	7 x 1 1/8"	1	48	5/8"	\$3.00
1342	2 3/8"	17/8 x 3 1/4"	5 x 3 1/2 x 3/8"	7 x 1 1/8"	1	48	5/8"	3.50
0122	2 3/4"	2 3/8"	4 1/2 x 3 3/8 x 3/8"	6 1/2 x 1"	1	24	5/8"	3.50

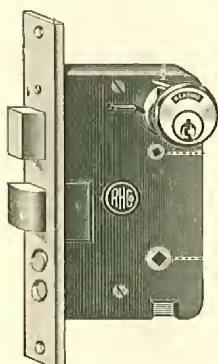
## CYLINDER FRONT DOOR LOCKS

Outside Knob is set by stop in front.

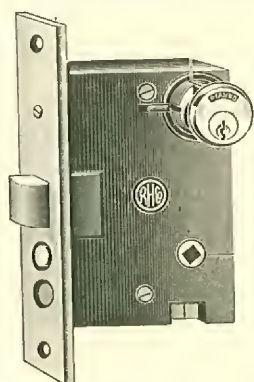
No.	Backset	Spacing	Case	Front	Cylinder	Hub	Each
01600	2 1/4"	2 1/4 x 3 3/4"	5 1/2 x 3 1/4 x 3/4"	7 3/4 x 1 5/8"	1	3/8"	\$ 8.00
1600	2 1/4"	2 1/4 x 3 3/4"	5 1/2 x 3 3/4 x 3/4"	7 3/4 x 1 5/8"	1	3/8"	8.00
001701	1 3/4"	4 1/4 x 4 1/2"	6 3/4 x 2 3/4 x 3/4"	9 1/8 x 1 1/8"	1	3/8"	10.00
01701	2 3/8"	2 3/8 x 4 1/2"	6 3/4 x 3 1/2 x 3/4"	9 1/8 x 1 1/8"	1	3/8"	9.00
01248-2 1/2"	2 1/2"	3 3/8"	5 1/2 x 3 1/2 x 1 1/8"	7 3/4 x 1"	1	5/8 x 3/8"	8.50

Packed one in a box with strike and screws.

## LOCKS FOR HANDLE RESIDENCE SETS



No. 1582  
No. 1213 is similar



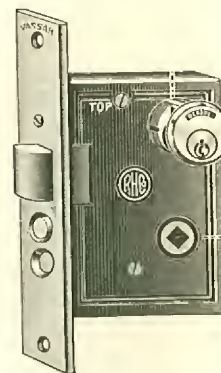
No. 1585

All have cast bronze front and bolts.

Specify finish desired, OB and OBS are stock finishes.

Note: No. F1248 1/2 has French Spring on hub, suitable for use with heavy Lever Handle. No. 1585 has protected strike which prevents bolt from being forced back from outside.

## VESTIBULE DOOR LOCKS



No. 01702  
No. 01248 1/2  
No. F1248 1/2

## CYLINDER VESTIBULE DOOR LOCKS

Outside thumb piece is set by stop in front.

No.	Backset	Spacing	Case	Front	Cylinder	Hub	Each
01702	2 1/8"	2 1/2"	5 x 3 1/2 x 3/4"	7 3/8 x 1 1/8"	1	3/8"	\$ 8.00
01248 1/2-2 1/2"	2 1/2"	3 5/8"	5 1/2 x 3 3/8 x 1 1/8"	7 3/4 x 1 1/8"	1	5/8 x 3/8"	9.00
F1248 1/2-1 1/2"	1 1/2"	3 5/8"	5 1/2 x 2 1/2 x 1 1/8"	7 3/4 x 1 1/8"	1	5/8 x 3/8"	11.00

## CYLINDER LOCKS FOR HANDLE OUTSIDE AND KNOB INSIDE

Outside thumb piece is set by stop in front.

No.	Backset	Spacing	Case	Front	Cylinder	Bolts	Hub	Each
1582	2 1/2"	2 1/8 x 5 1/4"	6 x 3 1/2 x 3/4"	8 1/4 x 1 1/4"	1	2	5/8"	\$ 9.00
1213	2 1/2"	3 3/8 x 4"	5 x 3 1/4 x 3/4"	7 3/8 x 1 1/8"	1	2	5/8"	10.50
1585	2 3/4"	4 1/2"	5 1/4 x 3 3/4 x 3/4"	7 1/2 x 1 1/4"	1	1	5/8"	9.00

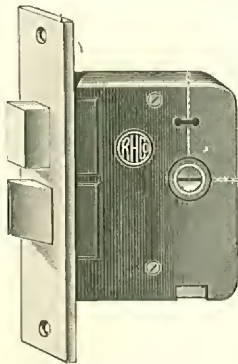
Packed one set in a box with strike and screws.



## STORE DOOR LOCKS

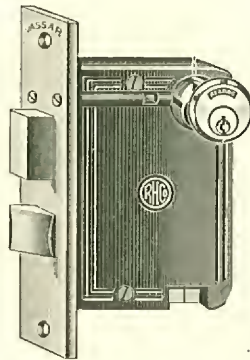
CUTS REDUCED SIZE  
REGULAR CYLINDER LOCK CYLINDER LOCK WITH STOPS

## FLAT KEY LOCK



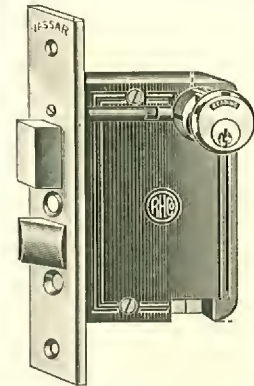
Nos. 0145 and 01145

No. 139 is similar



Nos. 1545 and 1535

No. 9098 is similar



No. 1575

Stop makes inoperative  
outside thumb piece

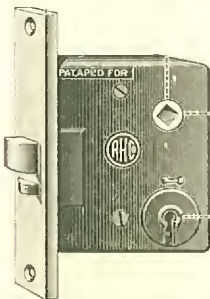
Note: These locks except Nos. 1535 and 1575 are found in sets on pages 60 and 61. If No. 1575 lock is wanted with handles, specify thus (example), 1575x15340 $\frac{1}{4}$  Benton OB.

Specify finish desired, stock finishes AC, OB and OBS. All have Cast Bronze Front and Bolts except No. 0145 in which they are Cast Iron.

No.	Type	Backset	Spacing	Case	Front	Tumblers	Changes	Each
0145	Flat Key	2 $\frac{1}{2}$ "	2 $\frac{9}{16}$ "	4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x $\frac{5}{8}$ "	7 x1 $\frac{1}{4}$ "	3	72	\$ 2.25
001145	" "	2 $\frac{1}{2}$ "	2 $\frac{9}{16}$ "	4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x $\frac{5}{8}$ "	7 x1 $\frac{1}{4}$ "	"	"	3.50
139	" "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x $\frac{1}{8}$ "	6 $\frac{1}{2}$ x1 $\frac{1}{8}$ "	"	60	4.00
1535	Cylinder	2 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{1}{8}$ x1"	7 $\frac{1}{8}$ x1 $\frac{3}{8}$ "	Two Cyls.	Unlimited	9.00
1545	"	2 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{5}{8}$ x1"	7 $\frac{1}{8}$ x1 $\frac{3}{8}$ "	" "	"	9.00
1544	"	2 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{5}{8}$ x $\frac{7}{8}$ "	7 $\frac{1}{8}$ x1 $\frac{1}{8}$ "	" "	"	9.00
9098	"	2 $\frac{3}{4}$ "	4"	5" x3 $\frac{3}{4}$ x $\frac{3}{4}$ "	7 x1 $\frac{3}{8}$ "	" "	"	11.00
1575	"	2 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{5}{8}$ x1"	7 $\frac{7}{8}$ x1 $\frac{3}{8}$ "	" "	"	10.50

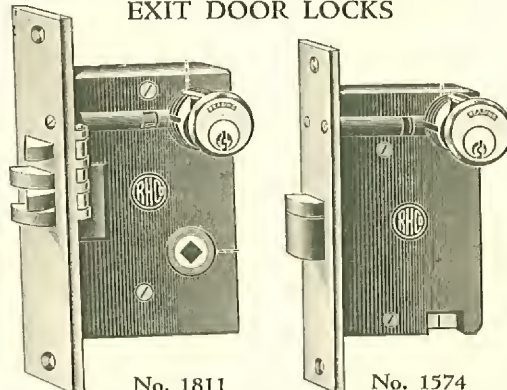
Packed one in a box with strike and screws.

## CLASS ROOM LOCKS

Nos. 1309 and 444 $\frac{3}{4}$ M

Class Room Lock operates by knob from inside at all times. Outside knob can be set or released by key from either side. See complete set, pages 51 and 59. For doors opening out.

## EXIT DOOR LOCKS

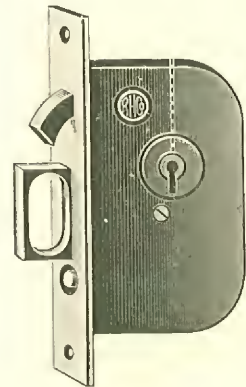


No. 1811

No. 1574

In No. 1811 the outside knob, and in No. 1574 the outside thumb piece is made rigid or released by key through the inside cylinder. Key through outside cylinder will operate latch bolt but knob or thumb piece remains rigid. Guarded latch bolt cannot be forced back when door is closed. See page 59.

## SLIDING DOOR LOCKS

Nos. 0284 $\frac{3}{4}$   
to 01288 $\frac{3}{4}$ 

## CLASS ROOM AND EXIT LOCKS

Made up to order. Specify hand, and design and finish of trim desired, see pages 51 to 59. Made only for doors opening outward.

## ALL HAVE CAST BRONZE FRONT AND BOLTS

No.	Type	Backset	Spacing	Case	Front	Tumblers	Changes	Each
1309	Class Room	2 $\frac{5}{8}$ "	2 $\frac{3}{8}$ "	4 x3 $\frac{1}{2}$ x $\frac{5}{8}$ "	6 x1 $\frac{1}{8}$ "	3	300	\$ 4.50
444 $\frac{3}{4}$ M	Class Room	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	5 $\frac{1}{2}$ x3 $\frac{3}{4}$ x $\frac{5}{8}$ "	7 $\frac{3}{8}$ x1 $\frac{1}{8}$ "	3	300	6.50
1811	Knob Exit	3"	3"	5 $\frac{1}{2}$ x4 x1"	7 $\frac{1}{4}$ x1 $\frac{1}{4}$ "	Two Cyls.	Unlimited	16.00
1574	Handle Exit	2 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	5 $\frac{1}{8}$ x3 $\frac{5}{8}$ x1"	7 $\frac{3}{8}$ x1 $\frac{3}{8}$ "	" "	"	19.00

## SLIDING DOOR LOCKS

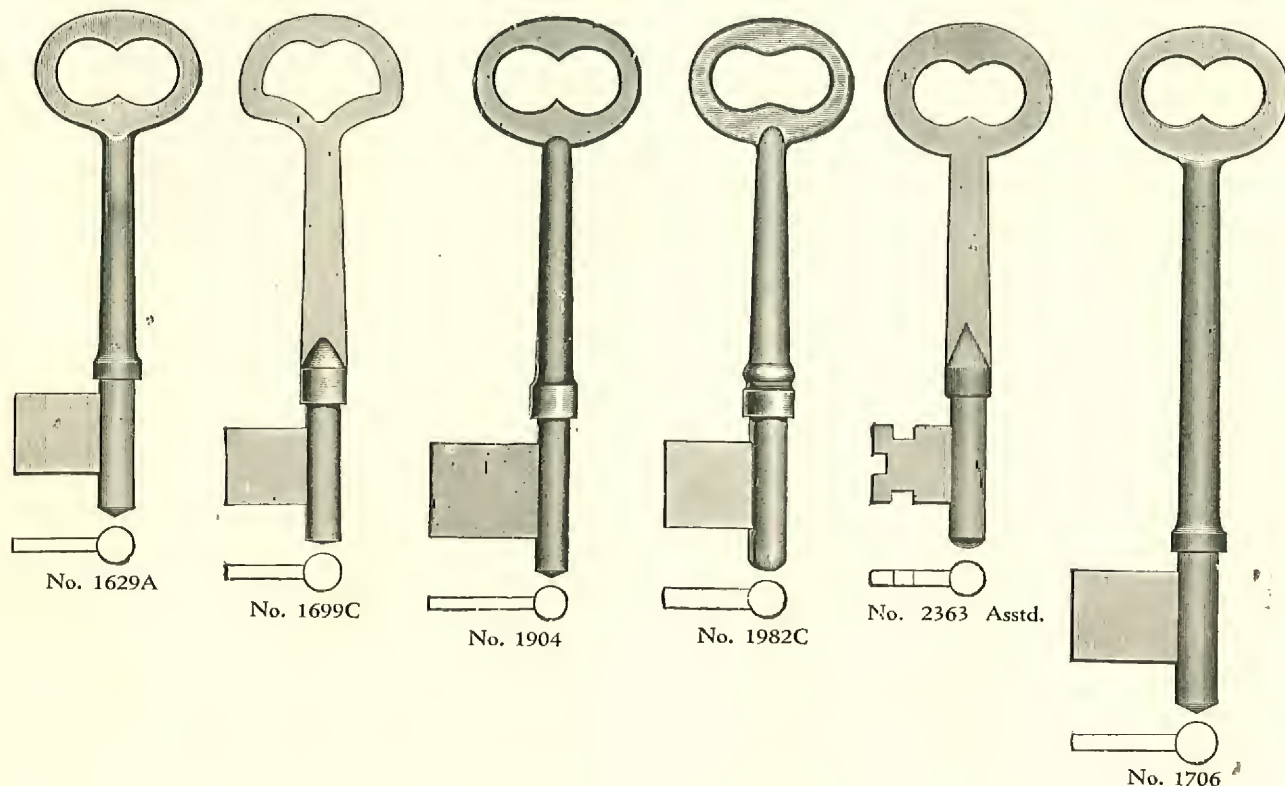
No.	Type	Front	Bolts	Backset	Case	Front	Key	No Changes	Each
0284 $\frac{3}{4}$	Single	Wrt. Steel	Iron	2 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{3}{4}$ x $\frac{1}{2}$ "	7 $\frac{5}{8}$ x1"	Bronze	"	\$1.75
0288 $\frac{3}{4}$	Double	Wrt. Steel	"	2 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{3}{4}$ x $\frac{1}{2}$ "	7 $\frac{5}{8}$ x1"	"	"	3.00
01284 $\frac{3}{4}$	Single	Wrt. Bronze	Bronze	2 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{3}{4}$ x $\frac{1}{2}$ "	7 $\frac{5}{8}$ x1"	"	"	3.00
01288 $\frac{3}{4}$	Double	Wrt. Bronze	"	2 $\frac{1}{2}$ "	5 $\frac{1}{4}$ x3 $\frac{3}{4}$ x $\frac{1}{2}$ "	7 $\frac{5}{8}$ x1"	"	"	4.00

Packed one in a box with strike and screws.



## KEY BLANKS AND KEYS

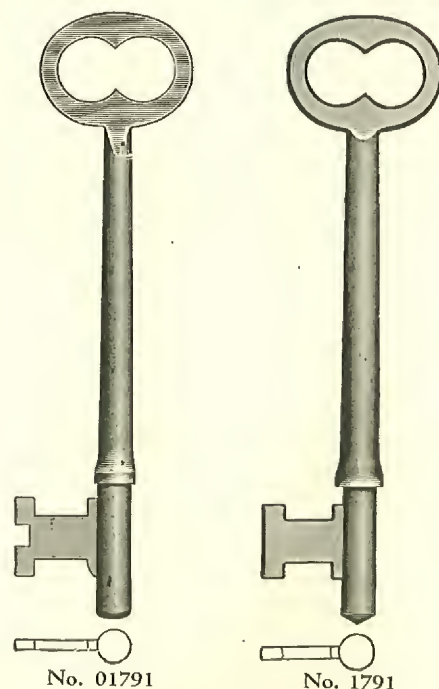
CUTS FULL SIZE

MALLEABLE IRON ROUGH NICKEL FINISH  
BLANKS AND KEYS

No.	Each
1629A For Inside Mortise Locks, Blank .....	\$.05
1699C " " " " " .....	.05
1904 " " " " " .....	.05
1982C " " " " " .....	.05
1706 For Common Rim Locks, Blank .....	.05
01791 For Common Rim Locks, Skeleton .....	.05
1791 For Common Rim Locks, Skeleton .....	.05

## ASSORTMENTS OF MALLEABLE IRON NICKEL KEYS

No.	Each
17 For Inside Mortise Locks, Thin and Thick Bits .....	\$.05
2363 " " " " Medium and Thick Bits .....	.05
24 " " " " Skeleton and Thick Bits .....	.05
18 For Common Rim Locks, Thin Bit .....	.05
23 For Common Rim Locks, Skeleton .....	.05

*Packed 36 keys in a box.**We can furnish any key blank desired, send sample.*



## KEY BLANKS—Pin Tumbler

CUTS FULL SIZE

FITS Y. &amp; T.

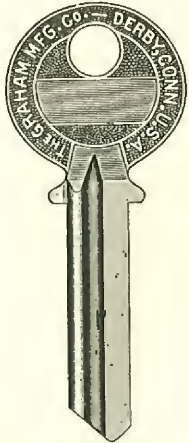
FITS Y. &amp; T.

FITS LOCKWOOD

FITS LOCKWOOD

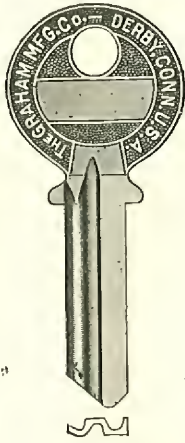
FITS NORWALK

FITS CORBIN



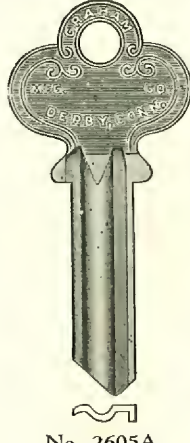
No. 02601

FITS CORBIN



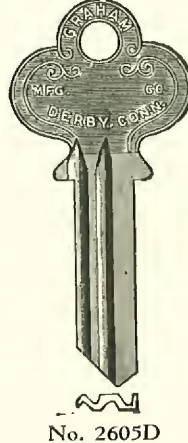
No. R2601

FITS CORBIN



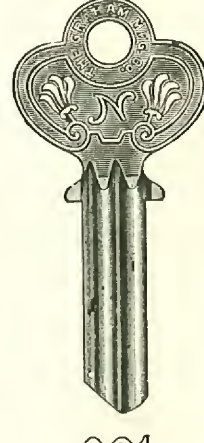
No. 2605A

FITS CORBIN



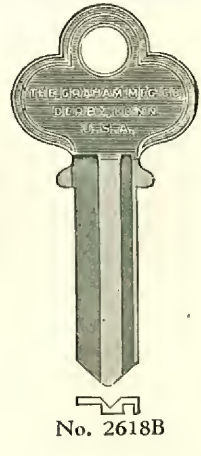
No. 2605D

FITS SARGENT

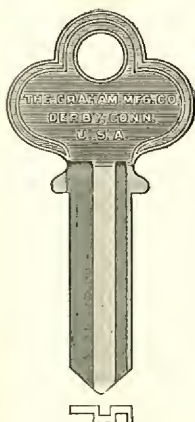


No. 2610A

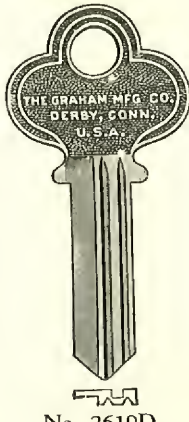
FITS CORBIN



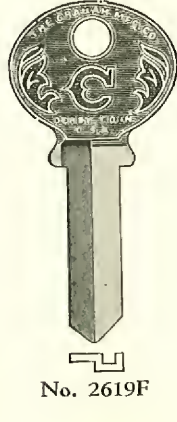
No. 2618B

FITS BARROWS  
6 Pin

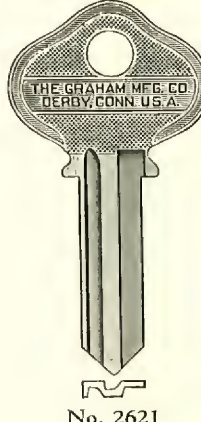
No. 2619



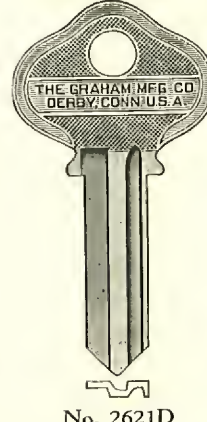
No. 2619D



No. 2619F



No. 2621



No. 2621D



No. 2625A

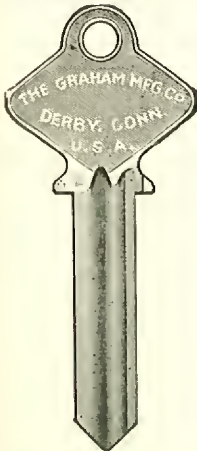
FITS R. &amp; E.

FITS R. &amp; E.

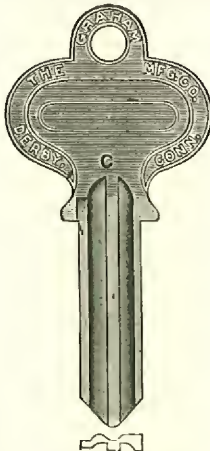
FITS R. &amp; E.

FITS SKILLMAN

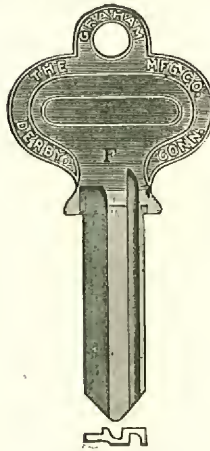
FITS READING

FITS READING  
6 Pin

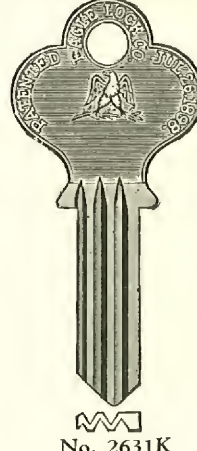
No. 2624



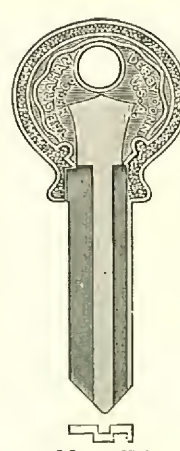
No. 2624C



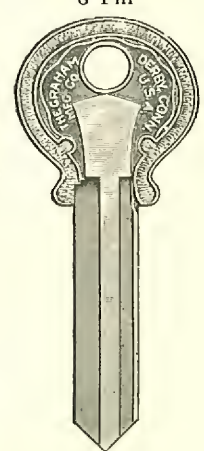
No. 2624F



No. 2631K



No. 2635



No. 2635A

Price of all the above numbers.....Each \$.10

All above key blanks and many others carried in stock. Packed 72 in a box.

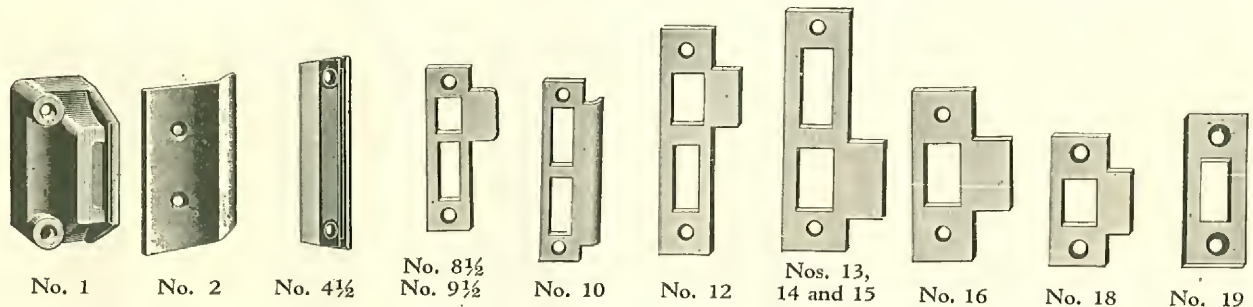
We can furnish any key blank desired, send sample.

Pin tumbler keys will be cut when sample is furnished. Price on request, state quantity required.



## LOCK STRIKES

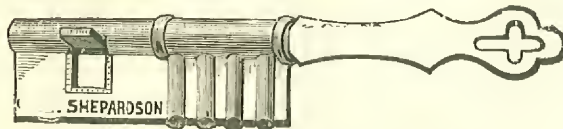
CUTS REDUCED SIZE



No.	For Locks	Material and Finish	Size	Each
1	Rim Night Latch Regular Bevel	Cast Iron Japanned	Give Latch No.	\$1.15
2	Rim Night Latch Reverse Bevel	" " "	" " "	.10
4½	Rim Knob Lock Regular Bevel	" " "	" " "	.10
8½	Mortise Inside Lock	Wrt. Steel AC or OB Fin.	4 x ¾"	.10
9½	" " "	Wrt. Brass OB Fin.	3½ x ¾"	.10
10	" " "	" Steel " "	3½ x ¾"	.15
12	Mortise Front Door Lock	" Brass " "	3¾ x 1"	.10
13	Mortise Store Door Lock	" Steel " "	4¾ x 1"	.25
14	" " "	" Brass " "	5 x 1"	.15
15	" " " Cyl. Lock	" " " "	5 x 1"	.25
16	Mortise Vest. Door Cyl. Latch	" " " "	5½ x 1¼"	.35
18	Mortise Inside Door Latch	" Steel " "	3½ x 1¾"	.25
19	Mortise Dead Lock Cylinder	" Brass " "	2 x ¾"	.15
			2¾ x ¾"	.15

Packed 12 in a box.

## HOTEL KEY HOLE PLUG



## TRAVELERS' COMPANION

Full Size Cut

Shepardson Key Hole Guard, used on hotel corridor doors when it is desired to lock up a room so that it cannot be entered by anyone save the holder of the key for this Key Hole Guard. Each.....\$1.25

Packed 12 in a box.



Outside Diameter

## SPLIT KEY RINGS

Nickel Steel

Per 100		
¾"	"	\$1.00
1½"	"	1.00
5/8"	"	1.25
¾"	"	1.50
7/8"	"	2.00
1"	"	2.75
1½"	"	3.00
1¾"	"	3.75
1½"	"	4.50
1½"	"	5.00

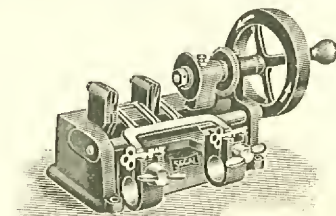
Packed 100 in a box.

## BRASS KEY CHECKS

No.	Diameter	Per 100
03902	1 1/16"	\$2.00
03903	1 1/4"	2.50
03904A	1 7/16"	3.00

Packed 100 in a box.

## KEY CUTTING MACHINE



No. 800

## SEGAL RECTIFYING KEY CUTTER

Note these ten important points.

1. Cuts flat steel keys, such as trunk, padlock, letter-box keys, etc.
2. It cuts all makes of grooved or pin tumbler keys, including offset keys, automobile keys, etc.
3. Operates without having to change cutters or guides.
4. Enables the user to cut from the lowest groove of the key—as manufacturers do, or from the back of the key if preferred.
5. The unit vise holds key firmly in place so that it cannot slip.
6. Enables user to gauge from upper shoulder of key.
7. It has an unusually long and substantial shaft bearing, which insures accuracy and long service.
8. The cutting operation takes less than a minute.
9. It will often make an accurate duplicate out of an inaccurate blank. It rectifies.
10. It can be operated by hand or power.

No. 800 .....\$60.00

No. 810 The same as above, but also arranged to cut front edge of bit keys.....\$82.50

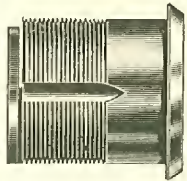


## LOCK PARTS

CUTS REDUCED SIZE

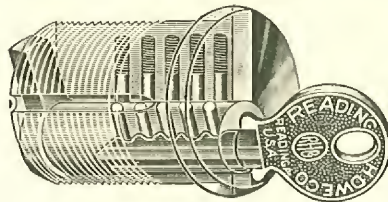
Note: Always mention make and class number of lock for which parts are required.

## MORTISE CYLINDER

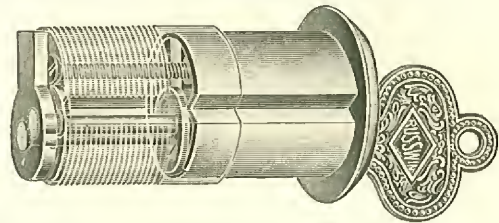


Nos. 101 to 103

## PHANTOM VIEW OF CYLINDER

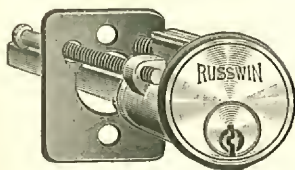


## RUSSWIN ADJUSTABLE CYLINDER



No. 8

## RIM CYLINDER



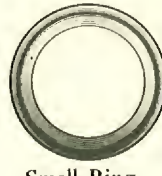
No. 1290

## DUMMY CYLINDER

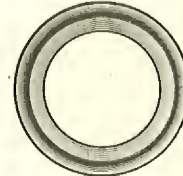


D

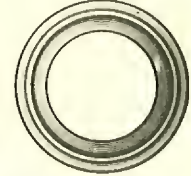
## CYLINDER RINGS



Small Ring



Large Ring



Adjustable Ring

## CYLINDER COLLARS



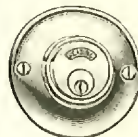
P 1201



P 1202



1200 Benton



1200 Cortland



1200 Oakley

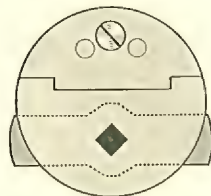


1200 Revere

## CYLINDER PARTS



## THUMB KNOB HUB



No. 100

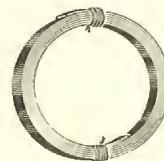
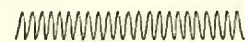
## LOCK SPRINGS

## LOOP COIL LOCK SPRING



No. 3

## STRAIGHT COIL LOCK SPRING

Flat Steel  
Lock Spring

## CYLINDERS AND PARTS

Note: Specify finish desired on cylinders and rings.

No.		
101	Reading Mortise Cylinder 1", Each.....	\$2.00
102	Reading Mortise Cylinder 1 1/4", Each.....	2.00
103	Reading Mortise Cylinder 1 1/2", Each.....	2.00
1290	Russwin Rim Cylinder, Each.....	2.00
0	Russwin Mortise Cylinder 7/8", Each.....	2.50
9 1/2	Russwin Mortise Cylinder 1", Each.....	2.50
	Russwin Mortise Cylinder 1 1/8", Each.....	2.50
8	Russwin Mortise Cylinder 1 1/4-1 7/8", Each.....	3.50
D	Dummy Cylinder.....	1.00
2	Driver Cylinder Pins, asst'd lgths, Per 100.....	1.50
3	Upper Cylinder Pins, asst'd lgths, Per 100.....	1.50
1	Springs for Cylinders, Per 100.....	1.50
4	Balls for Cylinders, Per 100.....	1.50
A	Cylinder Ring, Large, Each.....	.15
B	Cylinder Ring, Small, Each.....	.15
C	Cylinder Ring, Adjustable, Each.....	.25
100	Thumb Knob Hub for Cylinder Hole for 3/8" square spindle, Each.....	.60

CYLINDER COLLARS CAST BRONZE  
WITHOUT CYLINDERS

No.		
P1201	OB Dull Brass, 2 3/8" Dia., Each.....	\$1.00
P1202	OB Dull Brass, 2 3/8" Dia., Each.....	1.00
1200	Benton OB Dull Brass, 2 1/2 x 2 1/2", Each.....	1.25
1200	Cortland OB Dull Brass, 3" Dia., Each.....	1.50
1200	Oakley OB, Dull Brass, 3 1/2 x 2 1/8", Each.....	1.25
1200	Revere OBR Dull Brass, 2 7/8 x 2 7/8", Each.....	1.50

## LOCK REPAIRS

3/8"	Flat Steel Spring, 36" Strip.....	\$ .20
1/4"	Flat Steel Spring, 36" Strip.....	.20
3/8"	Coil Steel Spring, 36" Piece.....	.35
3	Loop End, Brass Coil Spring, 1" Each.....	.05
	Cap Screws for locks, Per Gro.....	1.00
	Connecting Screws for Rim Night Latches, Each.....	.10
	Set Scs. for Cyls. in mortise locks, Each.....	.15
	Forks and Screws for cyls. in mortise locks, Each.....	.40
	Add for Masterkeying Cyls, Each.....	.75
	Masterkeys, Each.....	.90

These goods are not packed in standard packages, order as required.

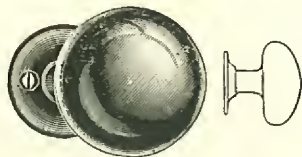


## DOOR KNOBS

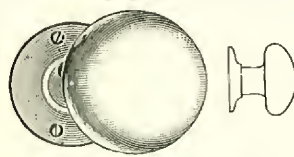
## POTTERY DOOR KNOBS

CUTS REDUCED SIZE

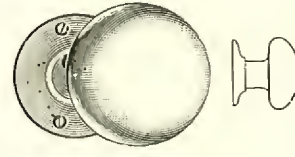
See at bottom of page for spindle types.



No. 517



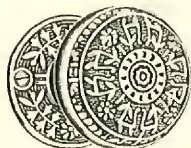
Nos. 193 and 515



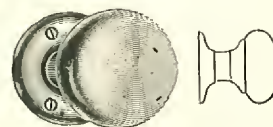
No. 693

No.	Tops	For Locks	Size	Roses	Type	Spindle	Shanks & Roses	Finish	Per	Pr.
517	Jet Black	Rim	2 1/4"	1	A	1 1/8"	Iron	Japd.		\$ .30
515	White Porc.	"	2 1/4"	1	"	1 1/8"	"	"		.30
193	"	Mortise	2 1/4"	2	"	1 1/8"	"	Dull Brass		.60
693	"	"	2 1/4"	2	B	1 1/8"	Brass	"		2.00

Packed six pairs in a box with Roses.



No. 827

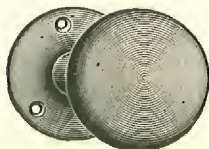
Nos. P0627 1/4, P622 1/4, P2622 1/4, P1505 1/4  
and No. P3322 3/4

In ordering specify finish. Stock finishes are as noted.

Roses can be omitted if desired.

No.	For Locks	Size	Type	Roses	Spindle	Shanks & Roses	Finish	Per	Pr.
827	Rim	2 1/4"	A	1	1 1/8"	Cast Iron	Brown Lacquer		\$ .70
P0627 1/4	"	2 1/4"	"	1	1 1/8"	Wrought Steel	Japanned		.60
P 622 1/4	Mortise	2 1/4"	"	2	1 1/8"	"	AC and OB		.80
P2622 1/4	"	2 1/4"	"	2	1 1/8"	"	"		1.25
P3322 1/4	"	2 1/4"	B	2	1 1/8"	"	"		2.25
P1505 1/4	"	1 3/4"	A	2	1 1/8"	"	"		1.25

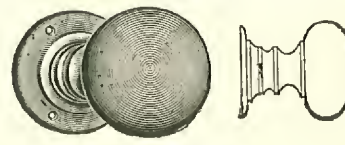
Packed six pairs in a box with Roses.



No. 2387

## FINE MORTISE DOOR KNOBS

WITH ROSES



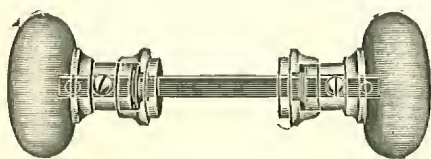
No. 21371

In ordering specify finish.

No.	Finish	Size	Design	Shank & Top	Roses	Type	Spindle	Per	Pr.
2387 OB	Dull Brass	2 1/4"	Plain	Wrt. Bronze	Wrt. Bronze	"	1 1/8"		\$2.75
2387 OBS	Sand Old Brass	2 1/4"	"	"	"	"	1 1/8"		3.00
2387 N	Pol. Nickel	2 1/4"	"	"	"	"	1 1/8"		3.00
21371 OB	Dull Brass	1 3/4"	Colonial	Cast	Cast	"	1 1/8"		3.50
21371 PB	Polished Bronze	1 3/4"	"	"	"	"	1 1/8"		3.50
21371 OBS	Sand Old Brass	1 3/4"	"	"	"	"	1 1/8"		3.75
21371 DN	Nickel Dull	1 3/4"	"	"	"	"	1 1/8"		3.75

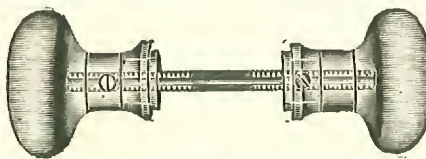
Packed six pairs in a box with Roses.

## TYPES OF SPINDLE AND SHANK CONSTRUCTION



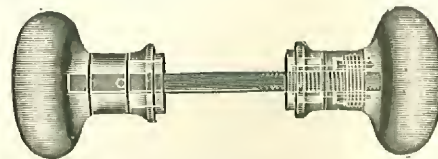
Type A

Knobs are attached to spindle with side knob screw through knob shank into tapped hole in spindle. Washers used for adjustment.



Type B

In this construction the spindle is threaded and screws into the threaded knob shank. After adjustment of knobs has been made they are set rigidly on spindle by a set screw in each shank. Close adjustment is had without washers.



Type C

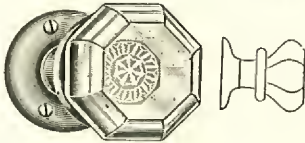
The knob on one end is pinned fast to spindle. Adjustment is made by means of split shank on other knob and which is bound on the spindle by a threaded collar. Collar is adjusted with special spanner wrench packed with knobs.



## GLASS DOOR KNOBS

CUTS REDUCED SIZE

2 1/4" Octagon Clear Glass



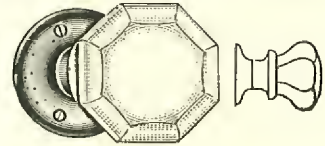
Nos. 152 1/4 and 50 1/4

1 3/4" Octagon Clear Glass



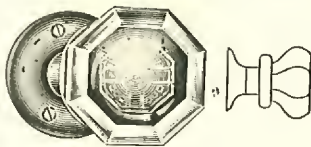
Nos. 103 1/4 and C2136 3/4

2 1/4" Octagon Milk White Glass



Nos. 162 1/4 and C2142 1/2

2 1/4" Octagon Clear Glass



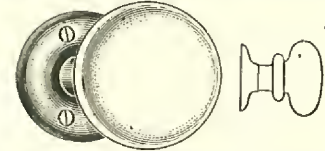
No. C2136 1/2

1 3/4" Octagon Milk White Glass



No. C2142 3/4

2 1/4" Round Milk White Glass

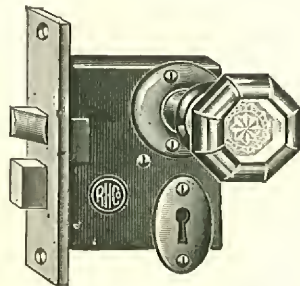


Nos. 132 1/4 RP and 132 RP

All of these Glass Knobs have 1/16" threaded spindles and B type shanks. In ordering specify finish. Stock finishes are priced below.

No.	Size	Shape	Glass	Shanks	Roses	Per Pair	
						Finish	DN
152 1/4	2 1/4"	Octagon	Clear	Wrt. Bronze	2 " Wrt. Bronze	OB \$2.00	\$2.25
C2136 1/2	2 1/4"	"	"	Cast "	2 " Cast Bronze	2.75	3.00
C2136 3/4	1 3/4"	"	"	" "	1 3/4" Wrt. Bronze	2.75	3.00
103 1/4	1 3/4"	"	"	Wrt. "	1 3/4" Wrt. Bronze	2.00	2.25
162 1/4	2 1/4"	"	Opal	" "	2 " Wrt. Bronze		2.50
C2142 1/2	2 1/4"	"	"	Cast "	2 " Cast Bronze		3.35
C2142 3/4	1 3/4"	"	"	" "	1 3/4" Wrt. Bronze		3.35
132 1/4 RP	2 1/4"	Round	"	Wrt. "	2 " Wrt. Bronze		3.00
132 RP	2 1/4"	"	"	Cast "	2 " Cast Bronze		3.50

Packed one pair in a box with Roses.

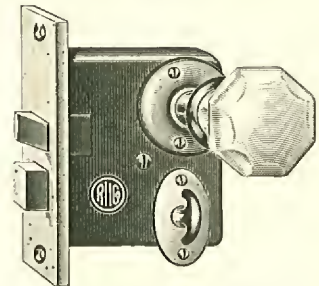


Set Nos. 410 to 630  
and 620 CS to 635 CS

## GLASS KNOB LOCK SETS

Note: Closet sets are made up as follows: Lock, knob and key plate outside and, closet spindle on the inside that can be turned in case of emergency.

Bath set has knob and thumb turn inside. If knob and escutcheon for outside are wanted they must be specified. Specify finish desired.



Set Nos. 720 1/2 to 735 1/2  
Round Opal Knob can be substituted for the octagon knob.

## INSIDE SETS

Set No.	Lock	Page	2 Knobs	2 Key Plates	Finish
*410	857 3/4	36	50 1/4	P 108 1/4	
620	1167	36	152 1/4	P1108 1/4	
630	0370	36	C2136 1/2	925 Darien	

Knobs and Key Plates both sides.

Per Set			
AC	OB	OBS	DN
\$2.25	\$2.00		
	3.50	\$3.75	\$3.75
	4.00		4.25

## CLOSET SETS

Set No.	Lock	Page	1 Knob	1 Closet Spindle	1 Key Plate
620 CS	1167	36	152 1/4	PO37 Page 48	P1108 1/4
625 CS	1167	36	162 1/4	PO37 Page 48	P1108 1/4
630 CS	0370	36	C2136 1/2	PO37 Page 48	925 Darien
635 CS	0370	36	C2142 1/2	PO37 Page 48	925 Darien

Knob and Key Plate outside, Closet Spindle Inside.

Per Set		
Finish	OB	DN
	\$3.00	\$3.25
	3.50	3.75
		3.75

## BATH SETS Knob and Thumb Turn inside. Emergency key for outside.

Set No.	Finish	Lock	Page	1 Knob	1 Thumb Turn	Per Set
720 1/2	Dull Nickel	01180	37	152 1/4 Clear	P1478 1/4	\$3.35
725 1/2	"	01180	37	162 1/4 Opal	P1478 1/4	3.75
730 1/2	"	233	37	C2136 1/2 Clear	920 Darien	4.50
735 1/2	"	233	37	C2142 1/2 Opal	920 Darien	4.75

\*The knobs in these sets have plain pressed faces (not cut) and are not selected. The shanks and roses are steel.

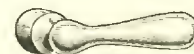
Glass Knob Sets packed one set in a box, 60 sets in a case



## LEVER HANDLES



All with 5/16" Threaded Spindles  
CUTS REDUCED SIZE



Cast Brass

No. 002561 OB Dull Brass, Each.....\$1.25  
Length 2 1/8", projection 1 3/4"  
Six in a box.

Cast Brass

No. 002542 OB Dull Brass, Each.....\$1.25  
Length 2 1/4", projection 1 3/4"  
Six in a box.



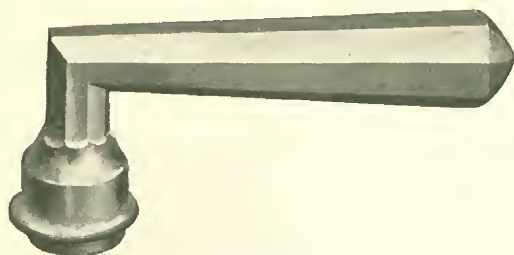
Cast Brass

No. 214 OB Dull Brass, Each.....\$2.25  
Length 3 1/2", projection 2"  
Six in a box.



Cast Brass

No. 207 OB Dull Brass, Each.....\$2.50  
Length 3", projection 2 1/2"  
Six in a box.

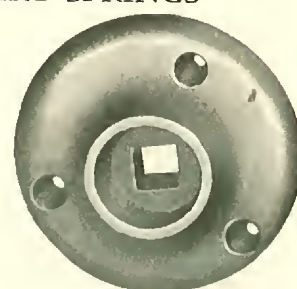
Cast Brass  
Dull Brass Finish

No. 204—3" OB, Each.....\$2.00  
No. 204—4" OB, Each.....2.25  
Six in a box.

## AUXILIARY SPRINGS

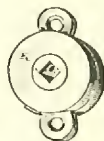


No. 251



No. 250  
No. 254 is similar

Miniature of  
Nos. P1007 and  
P1008 Auxiliary  
Springs



Note: No. P1008 is for 3/8" spindle, other numbers are for 5/16" spindle.

P1007 Mortise type 1 3/8", Each.....\$ .75  
P1008 Mortise type 1 3/8", Each......75  
254 OB Cast Brass 1 3/4" Dull Brass, Each.....1.00  
250 OB Cast Brass 2" Dull Brass, Each.....1.00  
251 OB Cast Brass 2 1/4 x 1 3/8" Dull Brass, Each.....1.00

Six in a box.

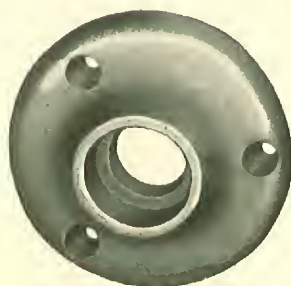
## KNOB ROSES

Dull Brass Finish

No. 223 OB 1 3/4" Round Wrought Brass, Per Pr.....\$ .45  
222 OB 2 1/4" " " " " " "......45  
264 OB 1 3/4" Round Cast Brass, Per Pr.....1.00  
260 OB 2 " " " " " ".....1.00  
261A OB 1 x 1 7/8" Oval Cast Brass, Per Pr.....1.00  
261B OB 1 3/8 x 2 1/4" Oval Cast Brass, Per Pr.....1.00

Six pairs in a box.

Note: Goods on this page can be furnished to order in other finishes.



Nos. 223, 222, 260 and 264

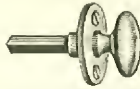
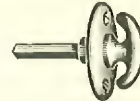


No. 261



## TURN KNOBS

CUTS REDUCED SIZE

No. P01480  
No. P1485No. P1470  
No. P1475No. P1487  
No. P1478 1/4  
on oval plate

Specify finish when ordering.

## BRONZE METAL

No.	Spindle	Knob	Plate	AC	OB	Finish	OBS	N	DN
P01480	3/16"	Oval Cast	Oval Cast 2 x 1"	Each	\$ .60		\$ .65	\$ .65	
P 1485	5/16"	" "	Oval Cast 2 x 1 3/16"	"	.80		.85	.85	
P 1470	3/16"	" "	Plain Cast 1 7/8 x 1 1/2"	"	.70		.75	.75	
P 1475	5/16"	" "	Plain Cast 1 7/8 x 1 1/2"	"	.70		.75	.75	
P 1487	3/16"	Crescent Cast	Round Cast 1 1/2"	"	.80		.85	.85	
P 1478 1/4	3/16"	" "	Oval Wrt. 2 x 1 3/16"	"	.50		.55	.55	\$ .55
920 Dar.	3/16"	" "	Round Wrt. 1 3/8"	"	.60		.65	.65	.65

12 in a box.

## KEY PLATES OR ESCUTCHEONS

FOR MORTISE LOCKS



No. 386



P1100 1/4



P1108 1/4



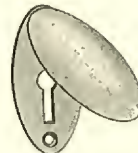
P1114 1/4



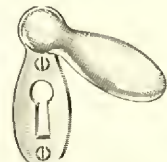
925 Darien



P1109



1110 Putnam



P1117

Specify finish when ordering.

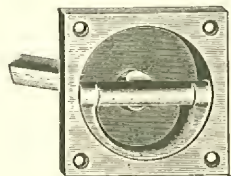
No.	Size	Type	Material	AC	OB	Finish	OBS	N	DN
386	1 x 1 1/8"	Thread to drive	Cast Bronze	Each	\$ .20		\$ .22		\$ .22
P1100 1/4	1 1/8 x 1 1/8"	Key Plate	Wrought "	"	.12		.15	.15	
P1108 1/4	2 x 1 1/8"	" "	" "	"	.12		.15	.15	
P1114 1/4	2 x 1 3/8"	" "	" "	"	.15		.18	.18	
925 Darien	1 3/8" Dia.	" "	" "	"	.18		.18	.20	.20
P1109	1 1/2" Dia.	" "	Cast "	"	.30		.35	.35	
1110 Putnam	2 x 1"	Key Plate with drop	" "	"	.55		.60	.60	
P1117	2 1/8 x 3/4"	" "	" "	"	.50		.55	.55	

24 in a box.

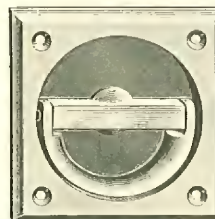
## FLUSH CUP ESCUTCHEONS AND HANDLES



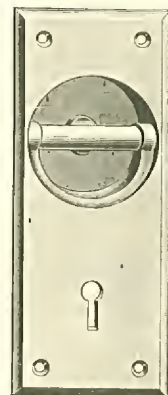
No. P1428



No. P1337



Nos. 0455 and P01455



No. P1444

Note: No. P1444 is cut for key 2 1/4" from center of knob hole to center of round part of key hole.

Note: Long spindle on these escutcheons, tapped or threaded to take door knob on opposite side. Can be cut off if desired.

No.	Finish	Material	Size	Spindle	Recess	Each
P 1428 OB	Dull Brass	Cast Brass	3 1/4 x 2 1/2"	1/2"	1/2"	\$1.50
P 1337 OB	Dull Brass	Cast Brass	1 3/4 x 1 3/4"	3/8"	3/8"	1.50
P 1337 OBS	Sand Old Brass	Cast Brass	1 3/4 x 1 3/4"	3/8"	3/8"	1.65
0455 J	Japanned	Cast Iron	3 1/4 x 3 1/4"	1/2"	1/2"	1.00
P01455 OB	Dull Brass	Cast Brass	3 1/4 x 3 1/4"	3/8"	3/8"	2.50
P 1444 AC	Anti. Copper	Cast Bronze	6 x 2 1/2"	1/2"	1/2"	3.25
P 1444 OB	Dull Brass	Cast Brass	6 x 2 1/2"	1/2"	1/2"	3.25

2 in a box.



# KNOB SPINDLES

CUTS REDUCED SIZE

## PLAIN SPINDLES



Nos. 1, 3 and 4

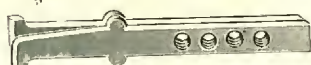


No. 50

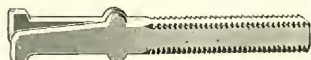


Nos. 30 and 30½

## SPLIT SPINDLES

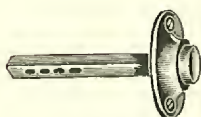


No. 26

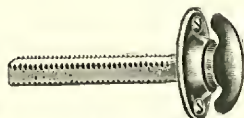


No. 27

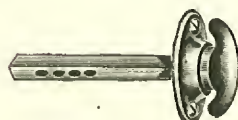
## CLOSET SPINDLES



No. 15



No. P037



No. P027

No.	Type	Size	Length	Ends	Each
1	Plain	1/8"	3 1/4"	Tapped	\$.07
3	Plain	1/8"	4 1/4"	Tapped	.07
4	Plain	1/8"	5"	Tapped	.08
50	Plain	1/8"	3 1/4"	Threaded	.10
30	Plain	1/8"	3 1/2"	Threaded and Tapped	.10
30½	Plain	1/8"	4 1/4"	Threaded and Tapped	.10
30S	Plain	1/8"	3 1/2"	Th. both eds. and Tp. 1 end	.15
26	Split	1/8"	3"	Tapped	.15
27	Split	1/8"	3"	Threaded	.15
15	Closet	1/8"	2 5/8"	Tapped, Japd	.15
P027 OB	Closet	1/8"	3"	Tapped Dull Brass	.35
P037 OB	Closet	1/8"	3"	Threaded, Dull Brass	.35

## SWIVEL SPINDLES



No. 10



No. 40



No. 51½



No. 32



No. 42



No. 52



No. 62½



No. 22



No. 62

No.	Type	Size and Length	Ends	Each
10	Swivel	1/8" x 4 5/8"	Tapped	\$.15
40	Swivel	1/8" x 4 1/2"	Threaded and Tapped	.20
51½	Swivel	1/8" x 4 1/2"	Threaded	.20
32	Swivel	3/8 x 1/8 x 5 3/8"	Tapped	.25
42	Swivel	3/8 x 1/8 x 5 3/8"	Threaded and Tapped	.30
52	Swivel	3/8 x 1/8 x 5 3/8"	Threaded	.30
62½	Swivel	3/8 x 3/8 x 1/8 x 5 3/8"	Threaded	.30
22	Swivel	3/8 x 3/8 x 3/8 x 5 3/8"	Tapped	.25
62	Swivel	3/8 x 3/8 x 3/8 x 5 3/8"	Threaded	.30

Spindles made of square steel rod.

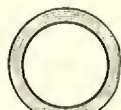
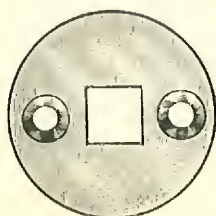
Spindles packed 12 in a box.

## KNOB PARTS

CUTS FULL SIZE

Nos. 9  
19 and 29

No. 39

No. 516  
No. 38

Nos. 116 and 118

No.	9	Blued Steel Knob Screws for Tapped Spindles, Gro.	\$.60
	19	Brass Plated Knob Screws for Tapped Spindles, Gro.	.80
	29	Brass Metal Knob Screws for Tapped Spindles, Gro.	1.25
	39	Brass Metal Knob Screws for Threaded Spindles, Gro.	2.00

Knob Screws packed one gross in a box.

516—1/8"	Steel Knob Washers, Per Pound	\$.60
38—3/8"	Steel Knob Washers, Per Pound	.60

Knob Washers packed one pound in a box.

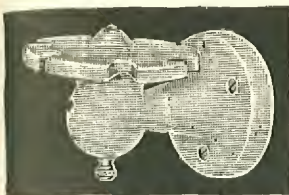
116—1/8"	Spindle Holders, Plain Steel, Each	\$.10
118—3/8"	Spindle Holders, Plain Steel, Each	.10

Spindle Holders packed 24 in a box.

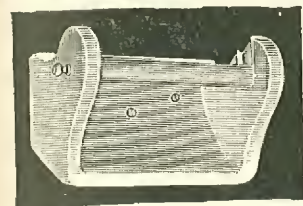


## PORCELAIN BATH ROOM FIXTURES

All Genuine Clay Porcelain except towel bar and Shelf Slab which are Opal Glass.



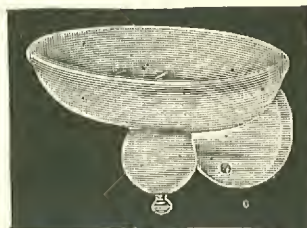
K306



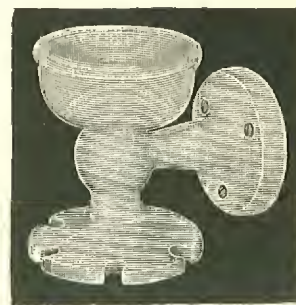
K308



K309



K307



K311



K312

No.	Description	Each
K305	Tumbler Holder.....	\$1.50
K306	Tooth Brush Holder.....	1.50
K307	Tumbler and Tooth Brush Holder.....	1.75
K308	Toilet Paper Holder.....	1.75
K309	Soap Dish.....	1.75

No.	Description	Each
K311—18"	Towel Bar with Posts 1x18" Bar.....	\$3.00
K311—24"	Towel Bar with Posts 1x24" Bar.....	3.50
K311—30"	Towel Bar with Posts 1x30" Bar.....	4.00
K312—18"	Shelf with Brackets, 5x18" Shelf.....	3.50
K312—24"	Shelf with Brackets, 5x24" Shelf.....	4.00

One piece in a box.

## NICKEL PLATED BATH ROOM FIXTURES

All metal parts of these Bath Room Fixtures are Solid Brass.

### METAL TOWEL BARS



No. K220

Made of  $\frac{5}{8}$ " Brass Tubing,  $2\frac{1}{4}$ " Bases.

No. K220—18"	Nickel Plated, Each.....	\$1.25
24"	" " " ".....	1.50
30"	" " " ".....	1.75
36"	" " " ".....	2.00

Six in a box.

### GLASS TOWEL BARS



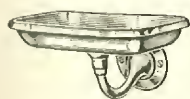
No. K3515

Heavy Spun Brass Posts Nickel Plated.  
Posts project 3". Glass Bar 1" diameter.

No. K3515 Clear	18x1" Each.....	\$2.25
	24x1" ".....	2.50
	30x1" ".....	2.75
No. K3515 Opal	18x1" ".....	2.75
	24x1" ".....	3.00
	30x1" ".....	3.25

Packed as ordered.

### SOAP DISH

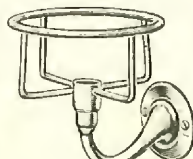


K196

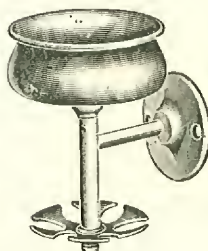
### TUMBLER HOLDERS



K148



K299



K222

Nickel Plated Brass.  
Has four raised ribs on bottom. Size of dish  $3\frac{5}{8}$ x5". Projection  $4\frac{1}{4}$ ".  
No. K196 Each.....\$1.00  
Six in a box.

Nickel Plated Brass  
No. K148 Projection 4" Each.....\$ .85  
No. K299 Projection  $4\frac{1}{4}$ " Each..... .85  
No. K222 Projection 4" Height 6" has holder for 6 tooth brushes, Each..... 1.10  
Six in a box.

### GLASS SHELVES AND BRACKETS



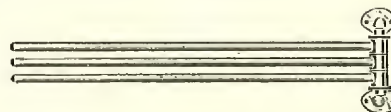
No. K155

Brackets are Wrought Brass Nickel Plated. Shelves are  $\frac{1}{4}$ " Plate Glass with polished edges.

K155—5x5"	Brackets Only, Per Pr.....	\$ .85
K155—Shelves Only.....	5x18"	5x24"
Clear Glass, Each.....	\$1.10	\$1.35
Opal Glass, Each.....	1.60	2.75

Packed as ordered.

### SWINGING TOWEL OR WASH CLOTH RACKS



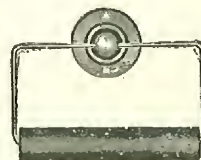
No. K286 (3 Arm) No. K285 (2 Arm)

Made of heavy tubing and solid rod drilled and bolted together. No solder used.

Length Arms	6"	15"
K286 Nickel Plated Brass, Each.....	\$1.75	\$2.00
K285 Nickel Plated Brass, Each.....	1.50	1.75

Six in a box.

### TOILET PAPER HOLDERS



K130



K87H

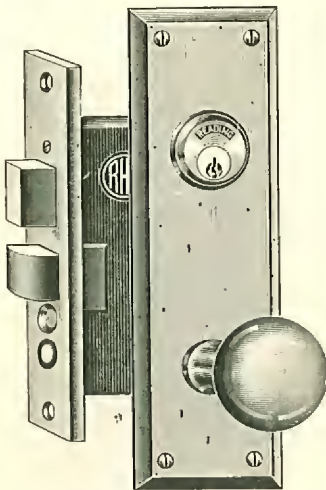
Nickel Plated Brass  
Wood Roller  
No. K130 Each.....\$ .69  
No. K87H Each..... 1.10  
Six in a box.



# BENTON DESIGN LOCK SETS

WROUGHT BRONZE AND WROUGHT STEEL

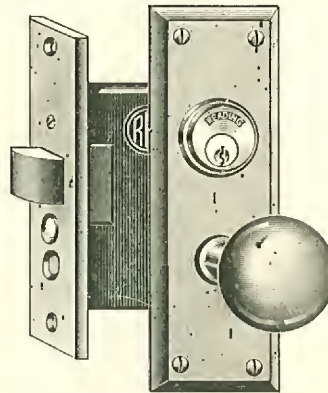
Finishes: AC Antique Copper, OB Dull Brass,  
OBS Sand Old Brass.



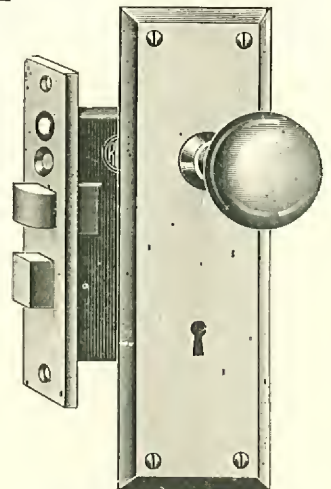
Cylinder Front Door Set



Push Button

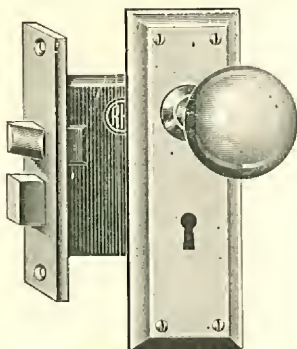


Cylinder Vestibule Door Set

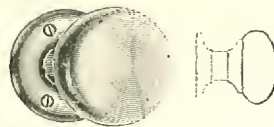


Bit Key Front Door Set

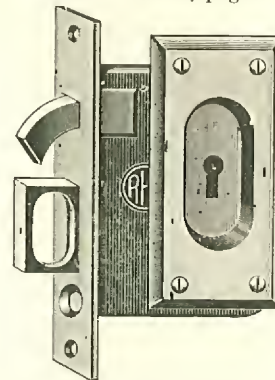
Other items in Wide Bevel Design are:  
Store Door Sets, pages 60 and 61.  
Push Plates, page 90.  
Door Pulls, page 89.  
Screen Door Sets, page 50.  
French Window Sets, page 50.  
Letter Box Plates, page 92.



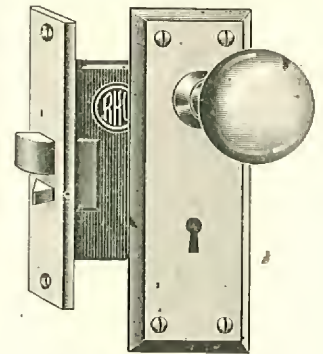
Inside Door Set



This spun knob with smooth rim used in all sets on this page.



Sliding Door Set



Class Room Door Set

For description of locks packed in these sets, see pages 36 to 39.  
Be sure to specify finish desired.

Set No.	Type	Lock	Grade	Escutcheons	AC and OB Price	Finish Per Set	OBS
017611 Ben.	Cylinder Front Door	01701	Bronze Metal	10x3 " & 7x2 1/4"	\$10.50		\$11.00
017617 Ben.	Cylinder Vest. Door	01702	" "	8x2 1/2" & 7x2 1/4"	9.50		10.00
T13621 Ben.	Bit Key Front Door	1342	" "	10x3 " & 7x2 1/4"	4.50		4.75
13621 Ben.	Bit Key Front Door	01342	" "	10x3 " & 7x2 1/4"	4.00		4.25
1604 Ben.	Inside Door	857 3/4	Steel	7x2 1/4"	1.00		1.10
4628 Ben.	Inside Door	1167	Bronze Metal	7x2 1/4"	2.75		3.00
7349 Mkd. Ben.	Inside Door	1222 Mkd.	" "	7x2 1/4"	5.00		5.25
13369 AS Mkd. Ben.	Class Room Door	1309 Mkd.	" "	7x2 1/4"	6.75		7.00
199x1604 Ben.	Bath Room Door	01180	Bronze & Steel	6x2 " & 7x2 1/4"	2.75		3.00
199x4628 Ben.	Bath Room Door	01180	Bronze Metal	6x2 " & 7x2 1/4"	3.25		3.50
0284 3/4 Ben.	Single Sliding Door	0284 3/4	Steel	6x2 1/2"	2.50		2.75
0288 3/4 Ben.	Double Sliding Door	0288 3/4	"	6x2 1/2"	4.25		4.50
01284 3/4 Ben.	Single Sliding Door	01284	Bronze	6x2 1/2"	4.00		4.25
01288 3/4 Ben.	Double Sliding Door	01288 3/4	"	6x2 1/2"	6.00		6.25

All sets packed one in a box.  
Nos. 1604 and 4628 are packed 60 sets in a case.  
Nos. 7349 and 13369AS are Master Keyed sets.

## PUSH BUTTONS

No.	Ben.	Electric Push Button	Bronze Metal	4x1 3/8"	Each	Each
					\$1.00	\$1.10

Packed six in a box.

## ESCUTCHEONS

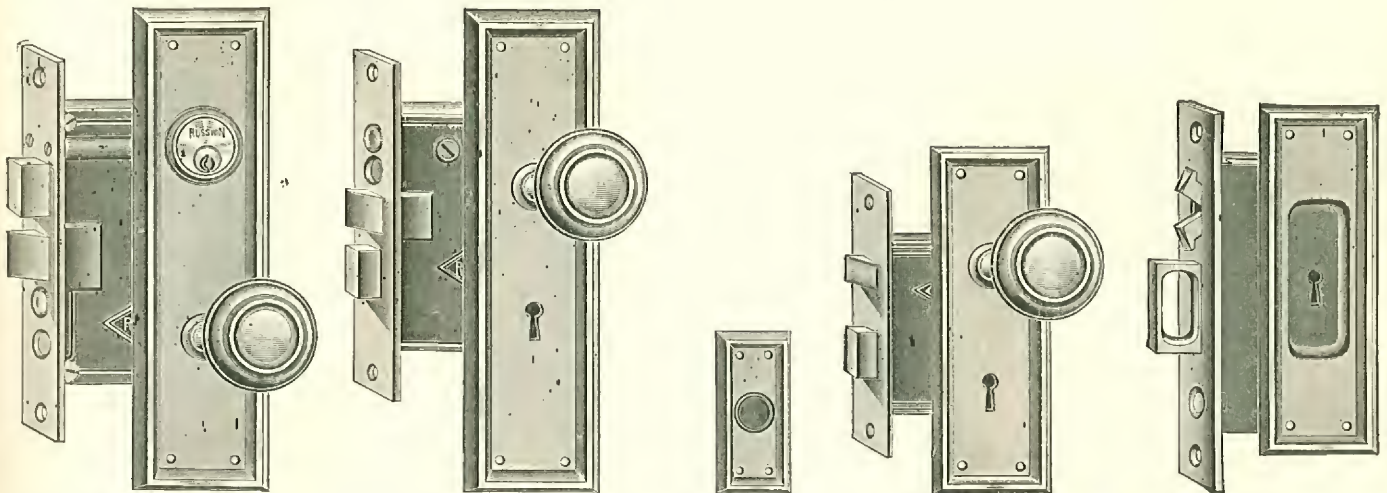
No.	Ben.	For Lock	Size	Metal	Each	Each
1392 1/4	Ben.	01701	10x3 "	Bronze	\$1.10	\$1.20
1395 1/4	Ben.	01702	8x2 1/2"	"	.75	.85
01354 1/4	Ben.	01342	10x3 "	"	1.10	1.20
1141 1/4	Ben.	1167	7x2 1/4"	"	.55	.65
141 1/4	Ben.	857 3/4	7x2 1/4"	Steel	.25	.30
1432 1/4	Ben.	01284	7x2 1/4"	Bronze	.70	.80
432 1/4	Ben.	0284 3/4	7x2 1/4"	Steel	.30	.35



## BEACON DESIGN LOCK SETS

WROUGHT BRONZE AND WROUGHT STEEL

Finishes: AC Antique Copper, OBR Dull Brass Shaded



Cylinder Front Door Set

Bit Key Front Door Set

Push Button

Inside Door Set

Sliding Door Set

For description of locks packed in these sets, see pages 36 to 39.

Sliding door locks Nos. 01331½ to 01331 are similar to Nos. 0284¾ to 01288¾ respectively.

Be sure to specify finish desired.

Set No.	Type	Lock	Grade	Escutcheons	Finish AC or OBR Price Per Set
01248W2 Bea.	Cylinder Front Door	01248	Bronze Metal	10x2¾" & 7x2¾"	\$11.00
01248½W2 Bea.	Cylinder Vest. Door	01248½	" "	10x2¾" & 7x2¾"	10.00
0122W2 Bea.	Bit Key Front Door	0122	" "	10x2¾" & 7x2¾"	5.00
01000B1 Bea.	Inside Door	01000	Steel	7x2¾"	1.10
0370W1 Bea.	Inside Door		Bronze Metal	7x2¾"	3.00
199x01000B1 Bea.	Bath Room Door	01180	Bronze & Steel	6x2 " & 7x2¾"	2.75
199x0370W1 Bea.	Bath Room Door	01180	Bronze Metal	6x2 " & 7x2¾"	3.25
01331½ Bea.	Single Sliding Door	01331½	Steel	7x2¾"	3.00
01331 Bea.	Double Sliding Door	01331	"	7x2¾"	5.00

All sets packed one in a box.

Nos. 01000 B1 Bea. and 0370 W1 Bea. are packed 60 sets in a case.

## PUSH BUTTON AND PUSH PLATES

No. 601 Bea.	Electric Push Button	Bronze Metal	3¾x1½"	Each	\$1.50
7615 Bea.	Push Plate	Steel	10 x2¾"	"	.60
615 Bea.	Push Plate	Bronze Metal	10 x2¾"	"	1.00

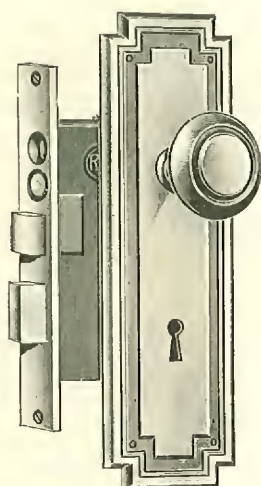
Packed six in a box.



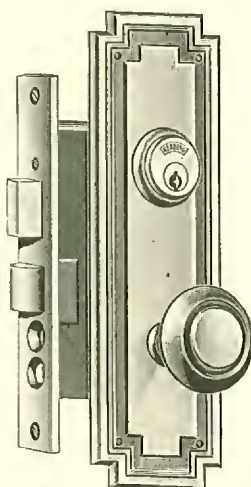
## ALTHENA DESIGN LOCK SETS

WROUGHT BRONZE AND WROUGHT STEEL

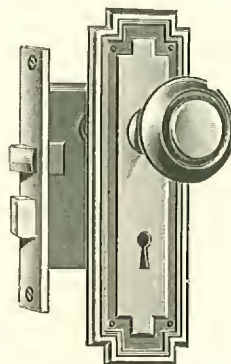
Finish: OBRSP Sand Old Brass—See note below.



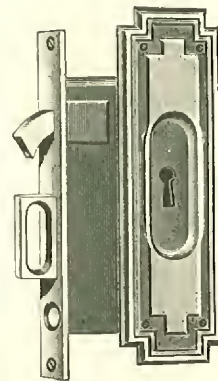
Cylinder Front Door Set



Bit Key Front Door Set



Inside Door Set



Sliding Door Set



Push Button

For description of locks packed in these sets, see pages 36 to 39.

Note: The high lines and the edges of escutcheon are in polished Brass Finish, with depressed part in Black and the panel in Old Brass Sand Finish.

Set No.	Finish	Type	Lock	Grade	Escutcheons	Price Per Set
017621 AL	OBRSP	Cylinder Front Door	01701	Bronze Metal	10x3 1/8" & 7 1/2x2 1/2"	\$11.00
017627 AL	"	Cylinder Vest. Door	01702	" "	10x3 1/8" & 7 1/2x2 1/2"	10.00
T13821 AL	"	Bit Key Front Door	1342	" "	10x3 1/8" & 7 1/2x2 1/2"	4.75
1804 AL	"	Inside Door	857 3/4	Steel	7 1/2x2 1/2"	1.10
4828 AL	"	Inside Door	1167	Bronze Metal	7 1/2x2 1/2"	3.00
199x1804 AL	"	Bath Room Door	01180	Bronze & Steel	6x2" & 7 1/2x2 1/2"	3.00
199x4828 AL	"	Bath Room Door	01180	Bronze Metal	6x2" & 7 1/2x2 1/2"	3.50
0284 3/4 AL	"	Single Sliding Door	0284 3/4	Steel	7 1/2x2 1/2"	3.00
0288 3/4 AL	"	Double Sliding Door	0288 3/4	"	7 1/2x2 1/2"	5.50
01284 3/4 AL	"	Single Sliding Door	01284 3/4	Bronze Metal	7 1/2x2 1/2"	4.50
01288 3/4 AL	"	Double Sliding Door	01288 3/4	"	7 1/2x2 1/2"	6.75

All sets packed one in a box.

Nos. 1804 and 4828 are packed 60 sets in a case.

### PUSH BUTTONS AND PUSH PLATES

No. 01411 1/4 AL	OBRSP	Electric Push Button	Bronze Metal	3 3/4x1 1/2"	Each	\$1.10
2276 1/4 AL	OBRSP	Push Plate	" "	10 x 3 1/8"	"	1.10
276 1/4 AL	OBRSP	" "	Steel	10 x 3 1/8"	"	.60

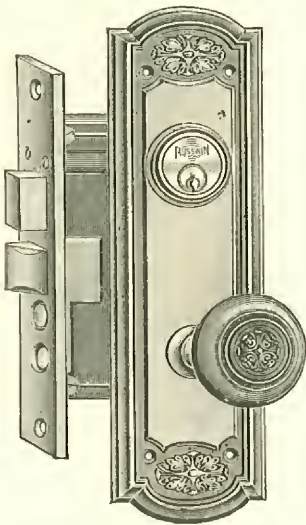
Packed 6 in a box.



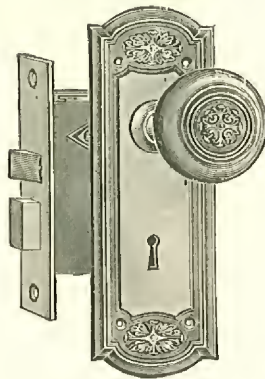
## ESSINGTON DESIGN LOCK SETS

WROUGHT BRONZE AND WROUGHT STEEL

Finish: OBR Dull Brass Shaded



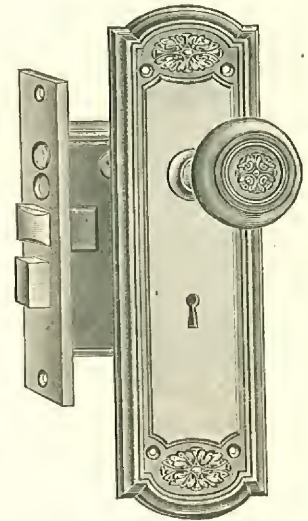
Cylinder Front Door Set



Inside Door Set



Push Button



Bit Key Front Door Set

For description of locks packed in these sets, see pages 36 to 39.

Note: Sliding Door Locks cannot be furnished in Essington Design.

Set No.	Finish	Type	Lock	Grade	Escutcheons	Price Per Pr
01248W2 Ess.	OBR	Cylinder Front Door	01248	Bronze Metal	10½x3" & 7½x2½"	\$11.00
01248½W2 Ess.	"	Cylinder Vest. Door	01248½	" "	10½x3" & 7½x2½"	10.00
0122W2 Ess.	"	Bit Key Front Door	0122	" "	10½x3" & 7½x2½"	5.00
01000D1 Ess.	"	Inside Door	01000	Steel	7½x2½"	1.10
0370W1 Ess.	"	Inside Door	0370	Bronze Metal	7½x2½"	3.00
199x01000D1 Ess.	"	Bath Room Door	01180	Bronze & Steel	6x2" & 7½x2½"	2.75
199x0370W1 Ess.	"	Bath Room Door	01180	Bronze Metal	6x2" & 7½x2½"	3.25

*All sets packed one in a box.**Nos. 01000 D1 Ess. and 0370 W1 Ess. are packed 60 sets in a case.*

## PUSH BUTTONS AND PUSH PLATES

No. 601 Ess.	OBR	Electric Push Button	Bronze Metal	4½x1½"	\$1.50
615 Ess.	"	Push Plate	" "	10½x3 "	1.00
7615 Ess.	"	" "	Steel	10½x3 "	.60

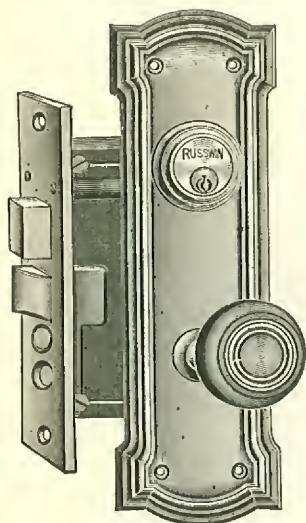
*Packed six in a box.*



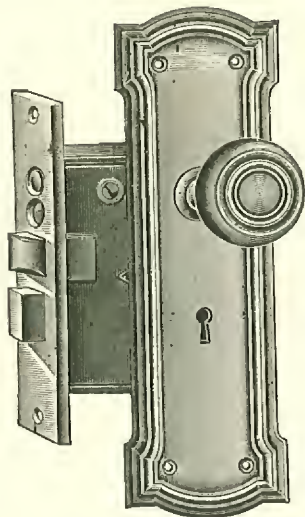
# REGENT DESIGN LOCK SETS

WROUGHT BRONZE AND WROUGHT STEEL

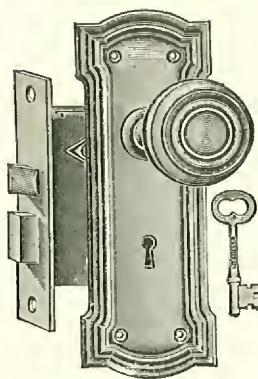
Finish: OBRS Sand Old Brass Shaded.



Cylinder Front Door Set



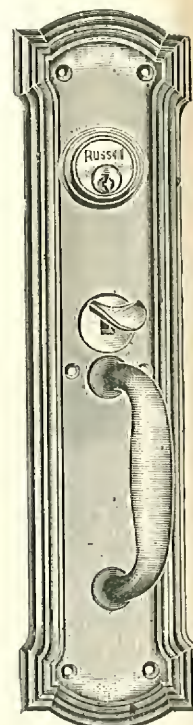
Bit Key Front Door Set



Inside Door Set



Push Button



Cylinder Store Door Set

For description of locks packed in these sets, see pages 36 to 39.

Sliding door locks Nos. 01331½ and 01331 are similar to Nos. 0284¾ and 0288¾, respectively.

Set No.	Finish	Type	Lock	Grade	Escutcheons	Price Per Set
01248 W2 Reg.	OBRS	Cylinder Front Door	01248	Bronze Metal	10½x3¼" & 7½x2⅝"	\$12.00
01248½ W2 Reg.	"	Cylinder Vest. Door	01248½	"	10½x3¼" & 7½x2⅝"	11.00
0122 W2 Reg.	"	Bit Key Front Door	0122	"	10½x3¼" & 7½x2⅝"	5.50
01000 D1 Reg.	"	Inside Door	01000	Steel	7½x2⅝"	1.20
0370 W1 Reg.	"	Inside Door	0370	Bronze Metal	7½x2⅝"	3.35
199x01000 D1 Reg.	"	Bath Room Door	01180	Steel	6 x2" & 7½x2⅝"	3.00
199x0370 W1 Reg.	"	Bath Room Door	01180	Bronze Metal	6 x2" & 7½x2⅝"	3.50
01331½	"	Single Sliding Door	01331½	Steel Escs.	7½x2⅝"	3.75
01331	"	Double Sliding Door	01331	Steel	7½x2⅝"	6.00

All sets packed one in a box.

Nos. 01000 D1 Reg. and 0370W1 Reg. are packed 60 sets in a case.

## PUSH BUTTONS AND PUSH PLATES

No. 601 Reg.	OBRS	Electric Push Button	Bronze Metal	4 x1½"	Each	\$1.65
615 Reg.	"	Push Plate	"	10½x3¼"	"	1.10
7615 Reg.	"	"	Steel	10½x3¼"	"	.70

Packed six in a box.

## STORE DOOR SET

With Cylinder Lock—Handles, Plates and Cylinders on both sides.

Set No.	Finish	Lock	Grade	Plates	Price Per Set
1298 Reg.	OBRS	9098	Bronze Metal	15x3½"	\$16.75

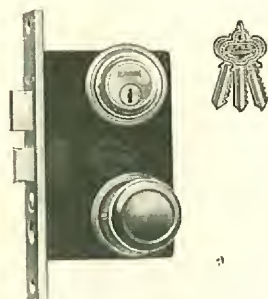


## SECTIONAL KNOB LOCK SETS

Wrought Bronze

DARIEN DESIGN

Finishes: OB Dull Brass, OBS Sand Old Brass.



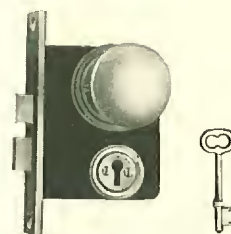
Cylinder Front Door Set

Sliding Door  
Escutcheon

Flush Sash Lift



Push Button



Inside Door Set

For description of locks packed in these sets, see pages 36 to 39.

Be sure to specify finish desired.

The knobs in these sets have threaded shanks and spindles, Type B.

Set No.		Type	Lock	Grade	Metal	Roses	Escutcheons	Finish Price per Set	
								OB	OBS
01248	UY1 DN	Cylinder Front Door	01248	Bronze	Metal	2"	2 1/4"	\$13.50	\$15.25
01248 1/2	UY1 DN	Cylinder Vest. Door	01248 1/2	"	"	2"	2 1/4"	12.50	14.25
0122	UY1 DN	Bit Key Front Door	0122	"	"	2"	1 1/4"	7.00	6.25
0370	UY1 DN	Inside Door	0370	"	"	2"	1 1/4"	3.75	3.60

One set in a box.

## MISCELLANEOUS

No. 600 DN	Electric Push Button	Cast Bronze Metal	2 1/4"	Each	\$4.50	\$4.75
1121 DN	Flush Sash Lift	Wrought Bronze Metal	1 3/8 x 3 1/8"	"	.30	.33
925 DN	Key Plate	Wrought Bronze Metal	1 1/4"	"	.22	.25
910 DN	Cylinder Rosette	Cast Bronze Metal	2 1/4"	"	1.40	1.50
920 DN	Turn Knob 1 1/8" Spdl.	Wrought Bronze Metal	1 1/4"	"	.60	.65
970 DN	Sliding Door Escutcheon	Cast Bronze Metal	2 7/8"	"	3.25	3.45
*2387x3022 1/4 DN	Door Knobs and Roses	Cast Bronze Metal	2"	Pair	2.25	2.45

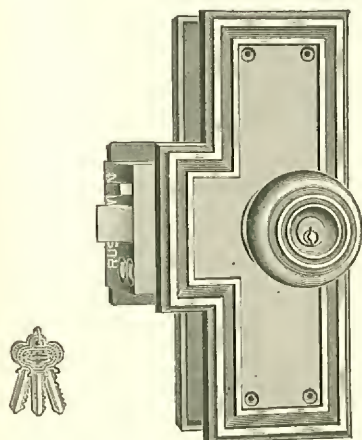
\*Plain knob as illustrated in inside set above.

Packed as ordered.

## UNIT LOCK SETS

Cast Bronze

ELECTRIC PUSH BUTTONS TO MATCH



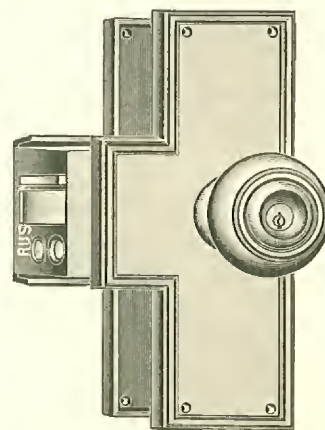
No. 2866 Copley



No. 600 Copley



No. 600 Granby



No. 2866 Granby

These unit cylinder locks are suitable for Front, Vestibule or Office Doors. They are handed and cannot be reversed. State which hand is required, and whether for doors opening in or out. For door stiles not less than 4 3/4" wide.

No. 2866 Copley is carried in Dull Nickel Finish. Other hardware to match can be furnished to order at same price as Polished Nickel Finish.

No. 2866 Copley, Finish DN—Dull Nickel, Escutcheons 9x3"	Per set	\$31.00
2866 Granby, Finish OBRs—Old Brass Sand, Relieved Escutcheons 9x3"	Per set	31.00
600 Copley, Finish DN—Dull Nickel, 3x1 1/2"	Each	4.50
600 Granby, Finish OBRs—Old Brass Sand, Relieved, 4x1 3/4"	Each	4.50

Packed one in a box.



# WARWICK DESIGN—Gothic

## CAST BRONZE

This is an appropriate design for Church and School Buildings.



Cylinder Set



Inside Door Set



Sectional  
Inside Door Set



Door Pull

This design furnished to order only.

Note: Store Door Set in this design page 61.

Appropriate Finishes: Dull Brass Shaded, Symbol OBR; Dead Black (Bower Barff) Symbol BB.

For description of locks packed in these sets see pages 36 to 39.

Be sure to specify finish desired.

Furnished with type B or C Shanks and Spindles.

Set No.		Type	Lock	Grade	Escutcheons	Finish	
						Price Per Set	BB
*1248	HY2 War.	Cylinder Front Door	1248	Cast Bronze	12 $\frac{1}{4}$ x3 $\frac{1}{4}$ " & 9 $\frac{1}{4}$ x2 $\frac{3}{4}$ "	\$26.75	\$22.75
*1248 $\frac{1}{2}$	HY2 War.	Cylinder Vest. Door	1248 $\frac{1}{2}$	" "	12 $\frac{1}{4}$ x3 $\frac{1}{4}$ " & 9 $\frac{1}{4}$ x2 $\frac{3}{4}$ "	24.75	21.00
†1456	HY2 War.	Cylinder Ent. Door	1456	" "	12 $\frac{1}{4}$ x3 $\frac{1}{4}$ " & 9 $\frac{1}{4}$ x2 $\frac{3}{4}$ "	34.00	30.00
‡ 380 $\frac{3}{4}$	HY2 War.	Inside Door	380 $\frac{3}{4}$	" "	9 $\frac{1}{4}$ x2 $\frac{3}{4}$ "	18.25	14.50
‡ 382 $\frac{3}{4}$	HY2 War.	Inside Door	382 $\frac{3}{4}$	" "	9 $\frac{1}{4}$ x2 $\frac{3}{4}$ "	19.50	15.75

One set in a box.

\*Cylinder locks can be Masterkeyed as desired.

‡Locks 380 $\frac{3}{4}$  and 382 $\frac{3}{4}$  can be Masterkeyed.

†No. 1456 Operation: Latch bolt by knobs from either side except when outside knob is set by stop in face of lock, then by key from outside and knob inside. Auxiliary latch safeguards latch bolt and prevents manipulation of the stops when the door is closed, thus making the lock secure against entrance except by the key.

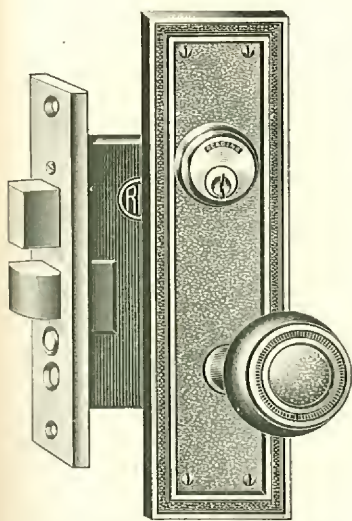
## PUSH PLATES—DOOR PULLS ON PLATES

No.		Push Plate	Cast Bronze Metal		Each	Finish	
						OBR	BB
615	War.	Push Plate		15x3 $\frac{1}{2}$ "		\$ 9.00	\$ 7.00
616	War.	" "	" "	18x3 $\frac{3}{4}$ "	"	12.50	9.50
617	War.	" "	" "	22x4 "	"	16.50	12.50
625	War.	Door Pull on Plate	" "	15x3 $\frac{1}{2}$ "	"	12.00	10.00
626	War.	" " " "	" "	18x3 $\frac{3}{4}$ "	"	15.25	11.50
627	War.	" " " "	" "	22x4 "	"	21.00	18.00

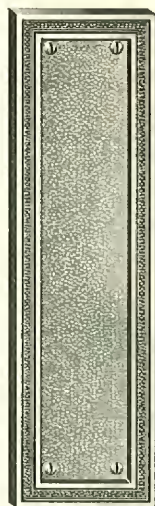
Packed as ordered.



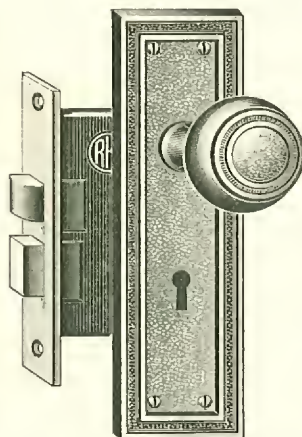
## REVERE DESIGN—Cast Bronze



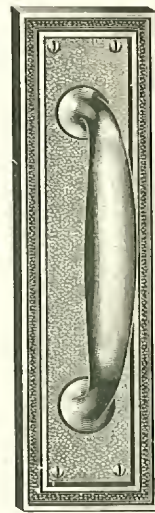
Cylinder Front Door Set



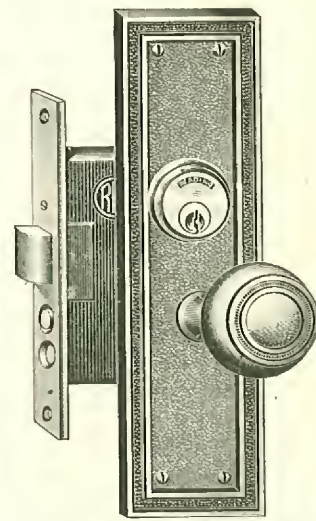
Push Plate



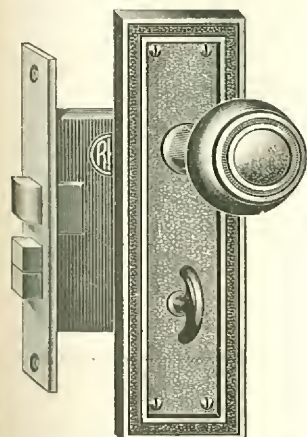
Inside Door Set



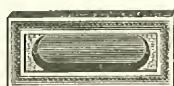
Door Pull



Cylinder Vestibule Door Set



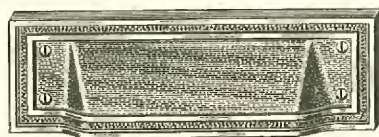
Communicating Door Set



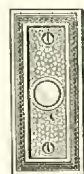
Sash Lift



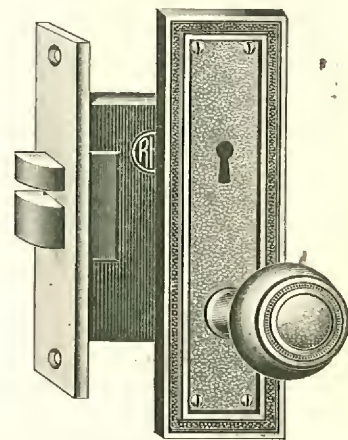
Letter Box Plate



Letter Box Hood



Push Button



Class Room Door Set

Note: Store door set in this design, see page 61.

This design furnished to order only.

Appropriate Finish: Dull Brass Shaded, Symbol OBR, specify finish desired.

All Revere design Knobs have threaded shanks and spindles, type B, type C can be furnished at extra price.

Set No.	Type	Lock	Grade	Escutcheons	OBR Fin. Per Set
*017851 Rev.	Cylinder Front Door	01700	Cast Bronze Metal	10 1/8 x 2 7/8" & 6 3/4 x 2 1/2"	\$16.80
*17857 Rev.	Cylinder Vest. Door	1705	" " "	9 x 2 7/8" & 6 3/4 x 2 1/2"	13.80
*17862 Rev.	Cylinder Exit Door	1811	" " "	9 x 2 7/8" & 6 3/4 x 2 1/2"	21.10
4858 Rev.	Inside Door	1167	" " "	6 3/4 x 2 1/2"	7.20
x 4859 Rev.	Inside Door	1168	" " "	6 3/4 x 2 1/2"	7.50
x 7859 Rev.	Inside Door	1222	" " "	6 3/4 x 2 1/2"	8.45
13869 Rev.	Class Room Door	1309	" " "	6 3/4 x 2 1/2"	10.80
14869 Rev.	Class Room Door	1409	" " "	8 1/2 x 2 1/2"	12.50
8851 Rev.	Communicating Door	1181	" " "	6 3/4 x 2 1/2"	7.80
8852 Rev.	Communicating Door	1182	" " "	8 1/2 x 2 1/2"	9.45

One set in a box.

x—Inside sets 4859 and 7859 can be masterkeyed.

\*Cylinder Locks can be masterkeyed as desired.

## MISCELLANEOUS

No.	Type	Cast Bronze Metal	Each	
01411 Rev.	Electric Push Button	3 3/8 x 1 1/2"	.....	\$1.40
1318 Rev.	Flush Sash Lift	3 3/8 x 1 1/2"	.....	.90
1334 Rev.	Outside Letter Plate	6 3/4 x 2 1/2"	.....	2.50
H1334 Rev.	Inside Letter Hood	7 1/2 x 2 3/8"	.....	2.50
2277 Rev.	Push Plate	17 1/4 x 3 3/8"	.....	5.00
2278 Rev.	Push Plate	20 x 4"	.....	7.00
2175 Rev.	Door Pull on Plate	17 1/4 x 3 3/8"	.....	7.00
2185 Rev.	Door Pull on Plate	20 x 4"	.....	9.00

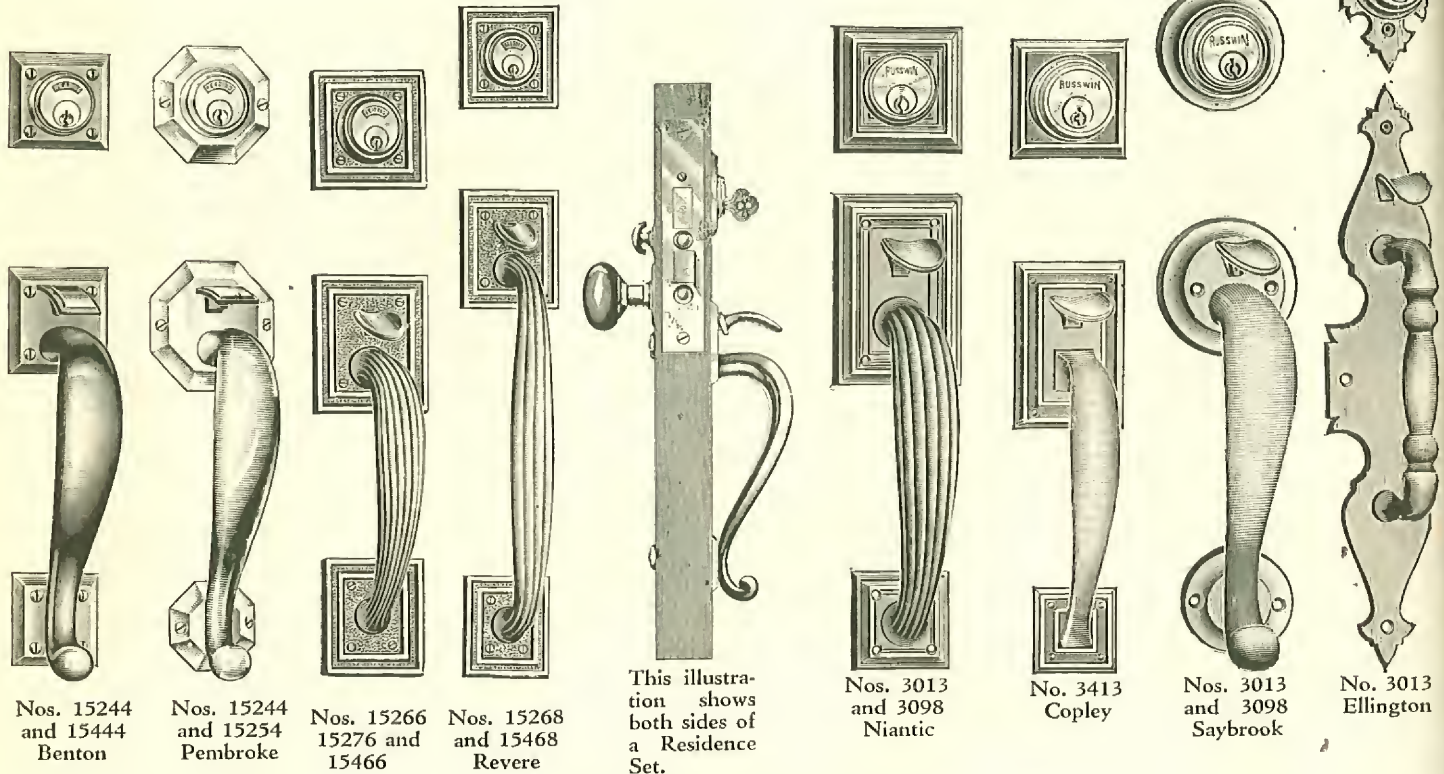
Packed as ordered.



## SECTIONAL HANDLE SETS WITH CYLINDER LOCKS

### FRONT DOOR SETS AND STORE DOOR SETS

CAST BRONZE METAL



### RESIDENCE SETS—Knob Inside

Note: Locks Nos. 1582 and 1213, packed in these sets, shown on page 38.

Set No.	Finish	Lock	Handle	Knob	Cyl. Plate	Thumb Piece Plate	Lower Plate	Price Per Set
15244 Benton OB	Dull Brass	1582	8 "	2 1/4" Bronze	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	\$13.50
15244 Benton AC	Anti. Copper	1582	8 "	2 1/4" Bronze	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	13.50
15244 Benton OBS	Sand Old Brass	1582	8 "	2 1/4" Bronze	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	14.00
15244 Pembroke OB	Dull Brass	1582	8 "	2 1/4" Bronze	3 x 3	3 x 3	2 1/2 x 2 1/2"	13.50
15254 Pembroke OB	" "	1582	8 "	2 1/4" Oct. Glass	3 x 3	3 x 3	2 1/2 x 2 1/2"	14.00
15266 Revere OBR	Dull Brass Shaded	1582	7 "	2 1/4" Bronze	2 7/8 x 2 7/8"	3 3/8 x 2 7/8"	2 3/4 x 2 3/8"	14.50
15276 Revere OBR	" " "	1582	7 "	2 1/4" Oct. Glass	2 7/8 x 2 7/8"	3 3/8 x 2 7/8"	2 3/4 x 2 3/8"	15.00
15268 Revere OBR	" " "	1582	11 "	2 1/4" Bronze	2 7/8 x 2 7/8"	3 3/8 x 2 7/8"	2 3/4 x 2 3/8"	18.50
3413 Copley OBR	" " "	1213	6 "	2 1/4" Bronze	2 1/4 x 2 1/4"	3 1/4 x 2 1/4"	1 5/8 x 1 5/8"	15.75
†3313 Copley OBS	Sand Old Brass	1213	8 3/8"	2 1/4" Bronze	2 1/4 x 2 1/4"	3 1/4 x 2 1/4"	1 5/8 x 1 5/8"	15.75
3013 Niantic OBS	" " "	1213	7 1/4"	2 1/4" Bronze	2 1/2 x 2 1/2"	3 7/8 x 2 1/2"	1 7/8 x 1 7/8"	16.75
*3013 Saybrook	Special Comb. Fin.	1213	8 3/8"	2 1/4" Bronze	2 3/4	3	1 7/8	16.75
x3013 Ellington	" " "	1213	6 "	2 1/4" Bronze	3 7/8 x 2	12 1/4 x 2 5/8"		16.75

One set in a box.

\*Finished as follows: Handle Polished Brass, Outside Plates, Chocolate Color, Lock front and inside Trim, Dull Brass.

x—Finished as follows: Handle, Polished Brass, Outside Plates Dead Black, Lock front and inside Trim, Dull Brass.

†The plates in this set are the same as in No. 3413 Copley and the handle the same as in No. 3013 Saybrook.

### STORE DOOR SETS—Handle and Cylinder Both Sides

Note: Lock Nos. 1545 and 1298 packed in these sets, shown on page 39.

Set No.	Finish	Lock	Handles	Cyl. Plate	Thumb Piece Plate	Lower Plate	Price Per Set
15444 Benton OB	Dull Brass	1545	8 "	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	\$16.50
15444 Benton AC	Anti. Copper	1545	8 "	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	16.50
15444 Benton OBS	Sand Old Brass	1545	8 "	2 1/2 x 2 1/2"	2 1/2 x 2 1/2"	1 7/8 x 1 7/8"	17.00
15466 Revere OBR	Dull Brass Shaded	1545	7 "	2 7/8 x 2 7/8"	3 3/8 x 2 7/8"	3 3/4 x 2 3/8"	18.00
15468 Revere OBR	Dull Brass Shaded	1545	11 "	2 7/8 x 2 7/8"	3 3/8 x 2 7/8"	3 3/4 x 2 3/8"	24.00
3098 Saybrook OBS	Sand Old Brass	1298	8 5/8"	2 3/4	3	1 7/8	19.00
3098 Niantic OBS	Sand Old Brass	1298	7 1/4"	2 1/2 x 2 1/2"	3 7/8 x 2 1/2"	1 7/8 x 1 7/8"	24.50

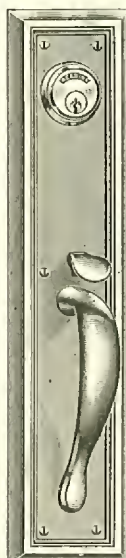
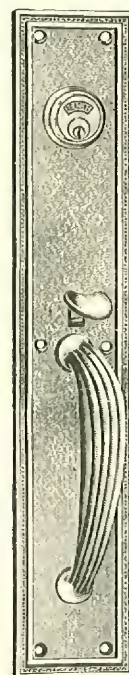
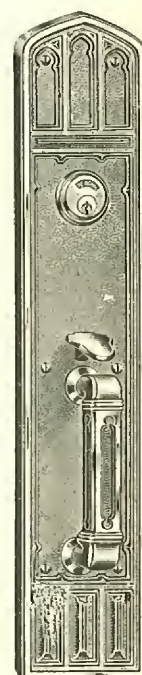
All packed one set in a box.

Electric Push Buttons suitable for use with these handles are shown on page 95.



## STORE DOOR SETS

Handles and Plates Both Sides

Nos. 1430  $\frac{1}{4}$   
and 11430  $\frac{1}{4}$   
BentonNo. 11430  $\frac{1}{4}$   
BasilNo. 15340  $\frac{1}{4}$   
Benton  
No. 1298 Berk.No. 15340  $\frac{1}{4}$   
BasilNos. 15340  
and 15342  
BentonNo. 15340  
EginaNos. 15340  
and 15342  
RevereNo. 15342  
Newark

## FLAT KEY STORE DOOR SETS

Lock Nos. 0145 and 01145 Backset 2  $\frac{1}{2}$ ", page 39.

Set No.		Finish	Lock	Plates	Handles	Price Per Set
1430 $\frac{1}{4}$	Benton AC	Antique Copper	0145	Wrought Steel 14 $\frac{1}{2}$ x 3"	Cast Iron 5 $\frac{7}{8}$ "	\$4.00
11430 $\frac{1}{4}$	Benton AC	Antique Copper	01145	Wrought Bronze 14 $\frac{1}{2}$ x 3"	Cast Bronze 5 $\frac{7}{8}$ "	8.00
11430 $\frac{1}{4}$	Benton OB	Dull Brass	01145	Wrought Bronze 14 $\frac{1}{2}$ x 3"	Cast Bronze 5 $\frac{7}{8}$ "	8.00
11430 $\frac{1}{4}$	Basil OBS	Sand Old Brass	01145	Wrought Bronze 15 x 3 $\frac{1}{4}$ "	Cast Bronze 5 $\frac{7}{8}$ "	9.00

## † CYLINDER STORE DOOR SETS

Lock Nos. 1544, 1545 and 9098, Backset 2  $\frac{3}{4}$ ", page 39.

Set No.		Finish	Lock	Plates	Handles	Price Per Set
15344 $\frac{1}{4}$	Benton AC	Anti. Copper	1544	Wrt. Bronze 14 $\frac{1}{2}$ x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	\$12.00
15344 $\frac{1}{4}$	Benton OB	Dull Brass	1544	Wrt. Bronze 14 $\frac{1}{2}$ x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	12.00
15344 $\frac{1}{4}$	Benton OBS	Sand Old Brass	1544	Wrt. Bronze 14 $\frac{1}{2}$ x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	13.00
1298	Berkley AC	Anti. Copper	9098	Wrt. Bronze 14 x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	14.00
1298	Berkley OB	Dull Brass	9098	Wrt. Bronze 14 x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	14.00
1298	Berkley OBS	Sand Old Brass	9098	Wrt. Bronze 14 x 3 "	Cast Bronze 5 $\frac{7}{8}$ "	15.00
‡1298	Regent OBR	" " "	9098	Wrt. Bronze 15 x 3 $\frac{1}{2}$ "	Cast Bronze 5 $\frac{7}{8}$ "	17.50
15340 $\frac{1}{4}$	Basil OBS	" " "	1545	Wrt. Bronze 15 x 3 $\frac{1}{4}$ "	Cast Bronze 5 $\frac{7}{8}$ "	14.00
15340	Benton OB	Dull Brass	1545	Cast Bronze 16 x 3 $\frac{1}{2}$ "	Cast Bronze 7 "	20.00
15342	Benton OB	" " "	1545	Cast Bronze 18 x 4 "	Cast Bronze 8 "	25.00
15340	Egina OBR	Dull Brs. Shd.	1545	Cast Bronze 17 x 3 "	Cast Bronze 5 $\frac{3}{4}$ "	24.50
15340	Revere OBR	" " "	1545	Cast Bronze 17 $\frac{1}{4}$ x 3 $\frac{3}{8}$ "	Cast Bronze 7 "	24.50
15342	Revere OBR	" " "	1545	Cast Bronze 20 x 4 "	Cast Bronze 7 "	28.50
15340	Newark OBR	" " "	1545	Cast Bronze 20 $\frac{1}{8}$ x 4 "	Cast Bronze 6 $\frac{3}{8}$ "	30.00
15342	Newark OBR	" " "	1545	Cast Bronze 24 x 4 "	Cast Bronze 6 $\frac{3}{8}$ "	35.00

One set in a box.

\* Note: Lock No. 1535 with 2  $\frac{1}{4}$ " Backset may be substituted for lock No. 1545 at same price.

Lock No. 1575 with Night Latch arrangement may be substituted for lock No. 1545 at extra price of \$1.50.

† For very thin doors specify with lock No. 1544 at same price as No. 1545.

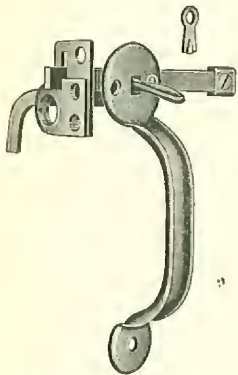
No. 1544 Lock has Case  $\frac{7}{8}$ " thick and Front 1  $\frac{1}{8}$ " wide, other dimensions same as No. 1545.

‡ No. 1298 Regent is illustrated on page 56.

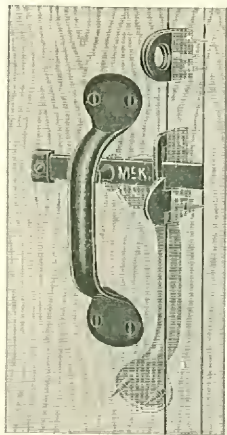


## HANDLE LATCHES

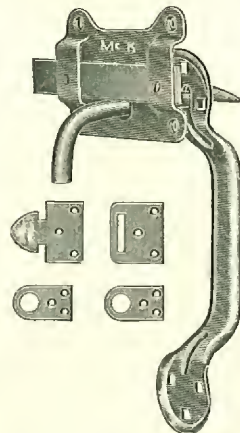
CUTS REDUCED SIZE



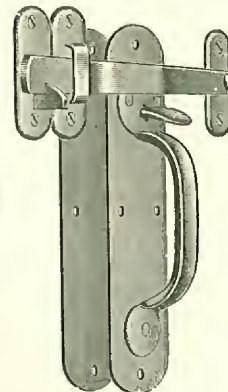
Nos. 1260J, 2 and 4



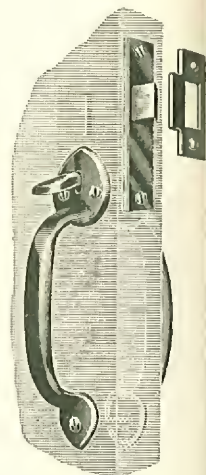
No. 1945J



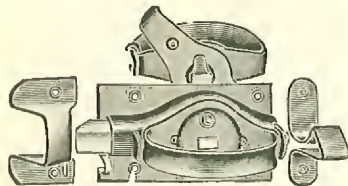
No. 1947J



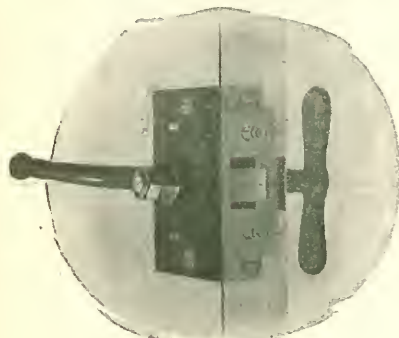
No. 1269J



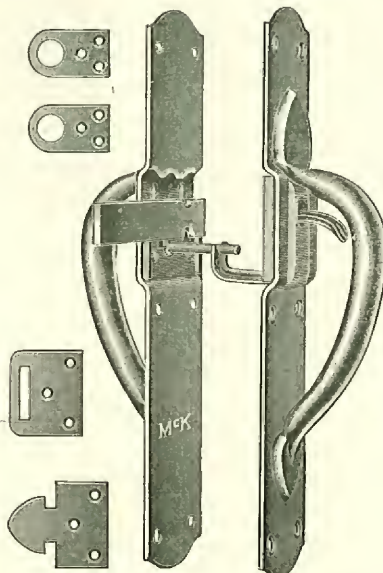
No. 1289 ZJ1



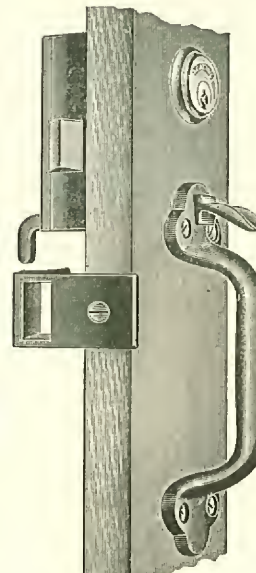
Whitcomb



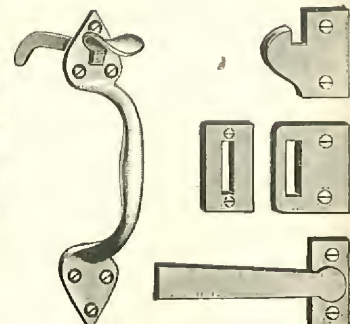
No. 424



No. 1948J



No. 504



No. P1603

## HANDLE LATCHES

No.	Finish	Material	Handles	Latch Bar	Description	Each
1260J-2	Japd.	Steel	One 6 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "	With Padlock Eyes	\$ .25
1260J-4	"	"	One 8 $\frac{7}{8}$ "	8 $\frac{3}{4}$ "	" " "	.70
1945J	"	"	Two 8 $\frac{3}{4}$ " and 7 $\frac{3}{4}$ "	6 $\frac{3}{4}$ "	" " "	1.00
1947J	"	"	One 10"	6 $\frac{1}{4}$ "	Without Padlock Eyes	1.25
1269J	"	"	One 7 $\frac{1}{2}$ " on plate 9 $\frac{1}{2}$ x2 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	" " "	1.25
1948J	"	"	Two 10 $\frac{3}{8}$ " on plate 14 $\frac{1}{2}$ x2 $\frac{3}{4}$ "	4 $\frac{7}{8}$ "	With Padlock Eyes	3.50
Whitcomb	"	"	Two 3 $\frac{3}{4}$ " on plate 2 $\frac{3}{4}$ x5"	Spring Bolt	With Padlock Eyes and Hold Back Catch	.65
P1603x31	Pol.	Cast Brass	One 6 $\frac{3}{4}$ "	4"	Without Padlock Eyes	3.50

All packed one in a box.

## GARAGE DOOR MORTISE LATCH—With Handles—Sheradized Before Japanning

No. 1289 ZJ1 Dead Black Steel, 2 Wrt. Steel Handles, Latch Bolt Projects  $\frac{3}{4}$ ", Backset 2 $\frac{1}{2}$ ", Handles 7", Thumb Piece on either side draws back bolt, no lock. Per Set \$4.00

## GARAGE DOOR CYLINDER RIM LOCK—With Handle

No. 504 Japd. Cast Iron Lock Case 4 $\frac{1}{4}$ x3 $\frac{7}{8}$ "x1", Backset 2 $\frac{1}{2}$ ", Three Keys, One Handle 8 $\frac{1}{4}$ ", Thumb Piece is dead locked on outside by key and on inside by slide on case. Reversible for doors opening in our out. \$5.00  
One set in a box.

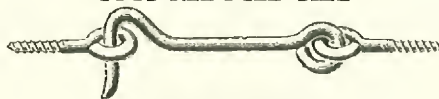
## TRUCK CAB LATCHES—Japanned Finish, Steel Case, Malleable Handles

No. 424—1 Case 2 x3"—Tee Handle outside, Lever Handle inside. Each \$1.00  
424—2 Case 2 $\frac{1}{2}$ x3 $\frac{1}{4}$ "—Tee Handle outside, Lever Handle inside. 1.35  
One in a box.



## DOOR HOOKS

CUTS REDUCED SIZE



Nos. 40 and 1040

## BRIGHT STEEL—Standard List Prices

Length .....	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
List Gro.....	\$6.50	\$6.50	\$8.00	\$10.00	\$12.00	\$17.00	\$24.00	\$30.00	\$36.00
Each .....	.02	.02	.02	.02 1/2	.03	.03 1/2	.05	.06	.07

## BRASS

List Gro.....	\$24.00	\$24.00	\$30.00	\$36.00	\$46.00	\$64.00	\$82.00	\$110.00	\$130.00
Each .....	.05	.05	.06	.07	.08	.10	.15	.20	.25

Packed 1" to 2 1/2" 144, 2" to 4" 72, 5" 36, 6" 24, in a package.



No. 150



No. 160

## CONVEX BRASS HOOKS WITH EYES ONLY

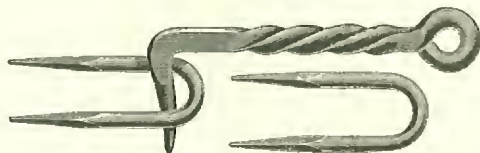
No. 160.....	1"	1 1/4"	1 1/2"
Each .....	\$.04	\$.04	\$.05

144 in a box.

## FLAT STEEL HOOKS WITH EYES

No. 150.....	1 1/2"	2"	2 1/2"
Each .....	\$.01 1/2	\$.02	\$.03

144 in a box.

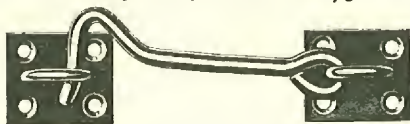


No. 972 and No. 391

## WROUGHT STEEL SQUARE HOOKS AND STAPLES

No. 972					No. 391	
Length .....	3"	4"	5"	6"	6 x 1 1/8"	8 x 3/8"
Each .....	\$.04	\$.05	\$.06	\$.07	\$.20	\$.25

Packed 4" to 6" 36, 6 x 1 1/8" and 8 x 3/8" 12 in a box.



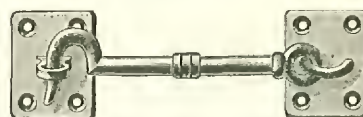
No. 975

## WROUGHT STEEL EXTRA HEAVY ROUND HOOKS

Staples on Plates—Plates 1 1/2 x 1 1/8"

Length .....	4"	5"	6"
Each .....	\$.15	\$.18	\$.20

Packed 24 in a box without screws.



No. 571 3/4 Polished Brass

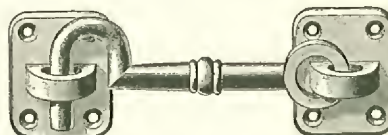
## CABIN DOOR HOOKS

Regular Weight, Cast Brass Hooks, Wrought Brass Plates

Plates 1 x 1 1/8"

No. 571 3/4 Length.....	2 1/2"	3"	4"	5"
Each .....	\$.60	\$.65	\$.75	\$.85

Packed 36 in a box with screws.



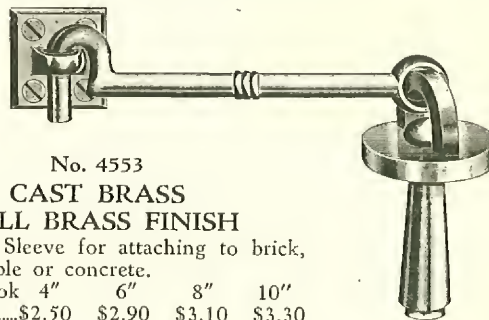
No. P1575 Polished Brass

## CABIN DOOR HOOKS

Extra Heavy Cast Brass Plates 1 3/8 x 1 3/8"

No. 1575, Length.....	4"	5"	6"	8"
Each .....	\$1.25	\$1.35	\$1.50	\$1.75

Packed 6 in a box.



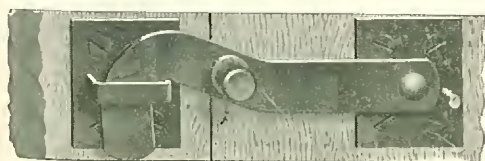
No. 4553

## CAST BRASS DULL BRASS FINISH

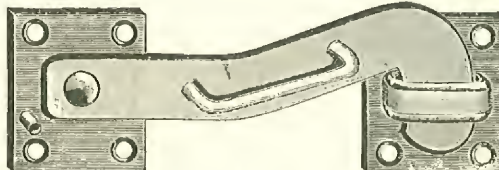
Expansion Sleeve for attaching to brick, stone, marble or concrete.

Length Hook 4" 6" 8" 10"				
Each .....	\$2.50	\$2.90	\$3.10	\$3.30

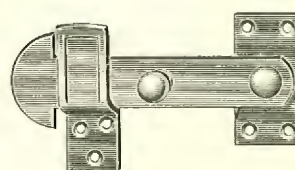
## THROW OVER LATCHES FOR DOUBLE SLIDING DOORS



No. 1025J



No. 30J



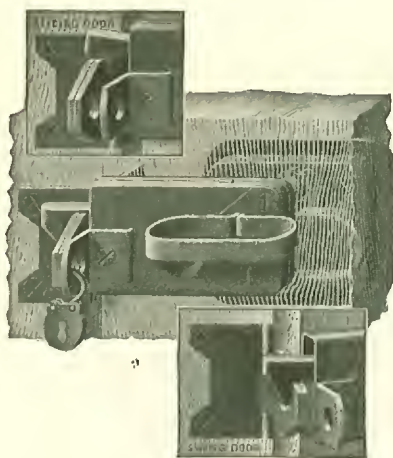
No. 1120J

No. 1120J	Japd. Steel Bar	6 3/4 x 1/8 x 17/8"	not handed, packed 6 in a box	Each .....	\$.60
1025-1J	"	6 x 1/8 x 1"	" handed, packed 6 right and 6 left in a box, Each.....		1.00
1025-2J	"	8 x 1/8 x 1"	" handed, packed 6 right and 6 left in a box, Each.....		1.25
30J-10	"	10 x 1/8 x 1 1/2"	" handed, packed 4 in a box as ordered, Each.....		2.00
30J-12	"	12 x 3/8 x 2"	" handed, packed 4 in a box as ordered, Each.....		4.00



## LATCHES FOR HINGED OR SLIDING GARAGE OR MILL DOORS

## CUTS REDUCED SIZE

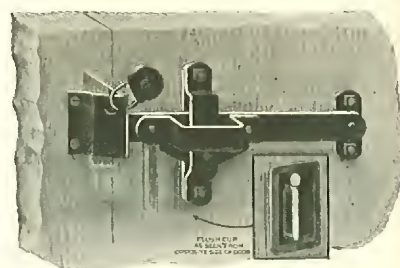


No. 325

No. 325 Richards-Wilcox made of steel and malleable iron. Dead Black Finish. Suitable for either swinging or sliding, single or double doors without change. Can be operated from inside or outside of door. Flush drop handle on wall side of the door adjustable for doors  $1\frac{3}{4}$  to  $2\frac{1}{2}$ " thick. Can be locked with a padlock, which however is not furnished.

No. 325, Each.....\$ .85

*One in a box with screws.*



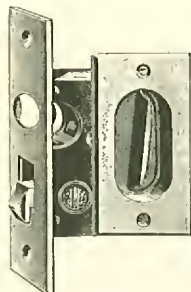
No. 152 New Style

No. 152 Old Style, Richards-Wilcox. Designed for heavy doors for either swinging or sliding, single or double doors. Operated from either side by handle. Flush handle inside. Can be locked with padlock, which, however, is not furnished. Adjustable for doors  $1\frac{3}{4}$  to  $2\frac{3}{4}$ " thick. To be bolted on.

No. 152 Old Style, Latch Bar  $14 \times 1\frac{1}{2} \times \frac{5}{8}$ ", Each.....\$1.75

No. 152 New Style, Latch Bar  $14 \times 1\frac{1}{2} \times \frac{5}{8}$ ", for swing doors only, Each.....1.75

*One in a box without bolts.*

SLIDING ELEVATOR  
DOOR LOCKS

No. 5682

No. 5682 OB Mortise Latch, Dull Brass Finish, Cast Brass Front, Strike, Bolt, and Escutcheons. Cast Iron Case  $3\frac{1}{4} \times 3\frac{1}{4}$ ". Front 1" wide. Operated from both sides by Flush Pulls in the latch case.

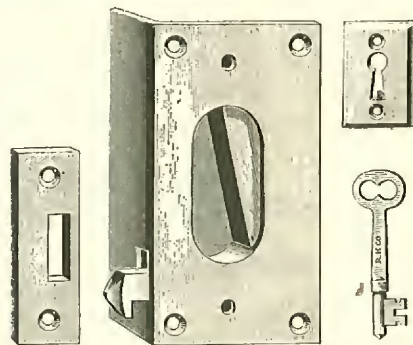
Suitable for light weight wood doors or Floor Control Passenger Elevators. Each.....\$4.00

*One in a box with screws.*

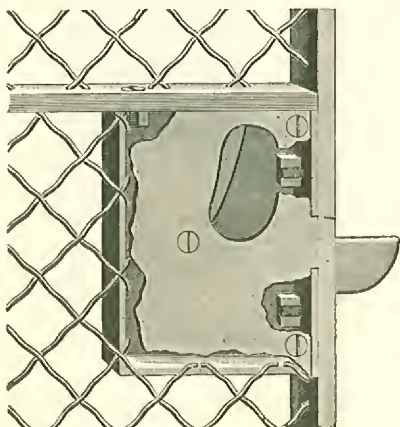
No. 9711 Flush or Half Mortise Latch. Polished Cast Bronze Case and works. Case  $5 \times 3$ ". Face to keyhole  $1\frac{1}{2}$ ". Reversed by turning over latch bolt. Operated from inside by Flush Handle and from outside by key only.

Each.....\$3.75

*One in a box with screws.*



No. 9711

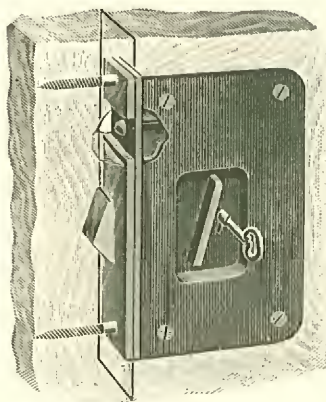
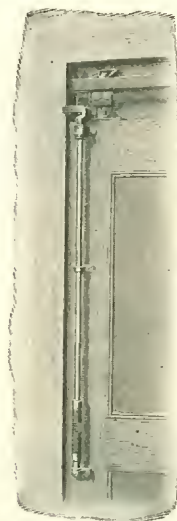
No. 220 and No. 222 Right Hand  
Sargent & Greenleaf

No. 220 Polished Cast Bronze Metal Case  $4\frac{1}{8} \times 3 \times 1\frac{1}{8}$ ". For Iron or Wire Gates and Doors. Operated from inside at all times by Flush Handle and from outside only by key. Packed with machine screws. Long latch bolt can be cut off as desired. Face to keyhole  $1\frac{3}{8}$ ". Specify hand required. Illustration is right hand. Each.....\$4.50

No. 222 same style as above, Bronze Case  $4\frac{3}{4} \times 3\frac{3}{8} \times \frac{3}{4}$ ". Operated from outside by key and from inside by flush handle, except when deadlocked by extra turn of key from either side which deadlocks the latch bolt so that it cannot be moved in any way from either side until released by the key. Can be masterkeyed to special order. Regular lock not masterkeyed. Each.....\$7.00

No. 825—1 Steel and Malleable Iron Dead Black Finish, flush or half mortise case  $4\frac{3}{4} \times 3\frac{3}{4} \times \frac{7}{8}$ ". For doors  $1\frac{3}{8}$ " to  $2\frac{1}{2}$ " thick. Operates from inside only. Key deadlocks the latch bolt. Bolt does not project till door is closed. Each.....\$4.25

No. 625A Vertical Bar Elevator Latch. Furnished to order only. Write for instructions in ordering. Special catalogue of Richards-Wilcox Elevator Door Locks and Hangers sent on request.

No. 825-1 Right Hand  
Richards-Wilcox

No. 625A

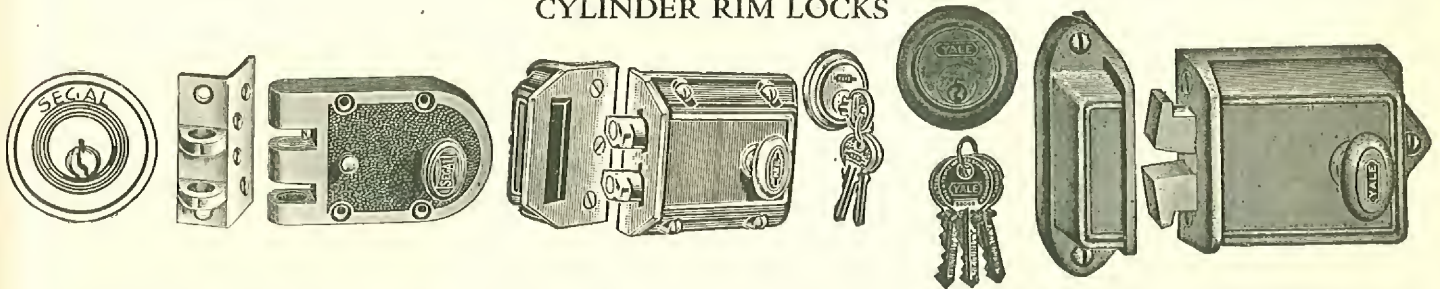


## SLIDING DOOR LOCKS

CUTS REDUCED SIZE

For Sliding Door Dead Locks, see page 71.

## CYLINDER RIM LOCKS



No. 676 Segal Burglar Proof Pol. Cast Bronze Case  $2\frac{3}{4} \times 4\frac{3}{8}$ ". Backset  $2\frac{3}{8}$ ", for doors 1 to 3" thick. No. 676 has vertical interlocking bolts which are self-locking on contact with the strike. Unlocked from outside by key. Unlocked from inside by knob. Small stop knob prevents locking.

Each .....\$8.00

One in a box with screws.

No. B51000 Keil Burglar Proof Cast Iron  $3\frac{3}{8} \times 4$ " Anti. Cop. Backset  $2\frac{3}{8}$ ", for doors  $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick. Bolts have hardened steel cores which cannot be sawed. Not self locking. Bolts shoot out and turn. Operates by key from outside, by thumb knob from inside.

No. B51000 Each.....\$6.50

No. B51001 operates by key inside and outside, Each..... 8.50

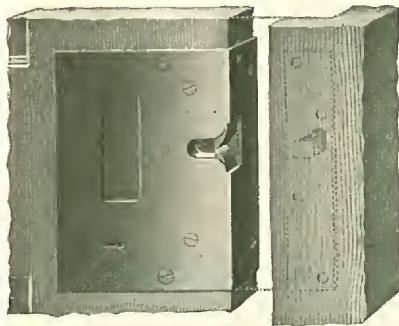
One in a box with screws.

No. 92 Yale Burglar Proof Cast Iron  $3 \times 3\frac{1}{2}$ " Dull Brass Fin. Backset  $2\frac{3}{8}$ ". With Yale cylinder and 3 keys. For doors  $\frac{7}{8}$ " to 3" thick. Heavy Bronze Hook Bolts shoot out. Not self locking. No. 92 operates by key from outside and by turn knob inside. Each.....\$6.00

No. 92 $\frac{1}{4}$  operates by key inside and outside. Each.....\$8.00

One in a box with screws.

## FLUSH OR HALF MORTISE LOCKS

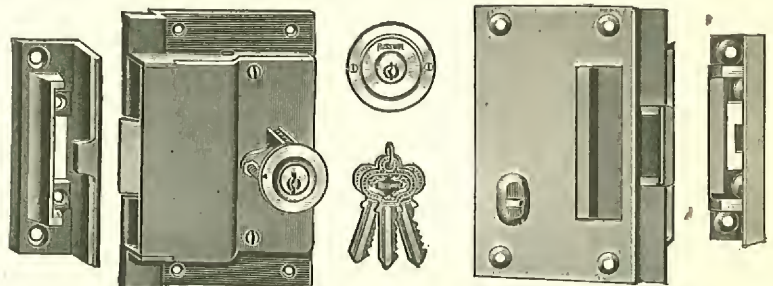


No. 510 Richards-Wilcox. "No break" Sliding door lock is flush with the door on both sides. It is self latching. Flush pulls on both sides release the latch bolt, except when locked by key from either side. No projection on this lock to catch clothing. There are 12 key changes.

No. 510, Each.....\$3.50

One in a box with screws.

No. 510 Made of steel with malleable jaws. Will not break. Width  $5\frac{1}{8}$ ". Stile of door should be at least 6" wide. Adjustable for doors  $1\frac{3}{4}$ " to  $2\frac{1}{4}$ " thick. Dead Black Finish.



No. 300 Russwin (Outside).

No. 300 (Inside).

Cast Iron Case  $5\frac{3}{8} \times 4$ " Dead Black Finish. Self latching, hinged latch bolt, Malleable Iron. For doors  $1\frac{3}{4}$  to 3" thick. Backset 3". Operated by key from outside, by lever inside. Bolts can be put in retracted position by key from outside or by slide stop from inside in which case the door is not locked when closed. Cylinder with 3 keys. Key changes unlimited.

No. 300, Each.....\$4.50

One in a box with screws.

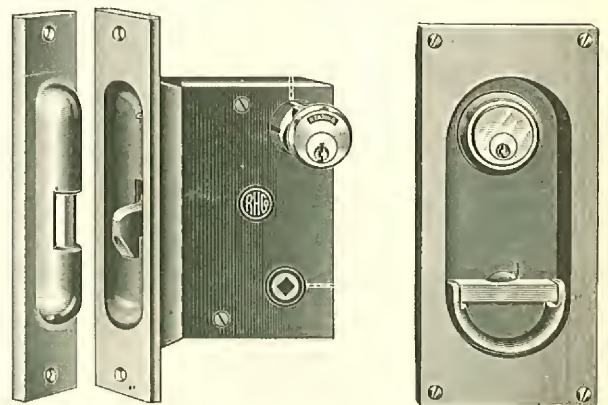
## MORTISE LOCKS



No. 525 Richards-Wilcox

No. 525 made of steel and malleable iron, case  $4\frac{3}{4} \times 3\frac{3}{4} \times \frac{7}{8}$ ". For doors  $1\frac{3}{4}$ " thick or thicker. Lock, latch and flush door pull combined. Latch bolt remains in lock until door is closed. Latch is released and door pulled open by same movement. 28 key changes. Operated from either side by Pull or Key. Each.....\$3.35

One in a box with screws.



No. 1729xP1465 Reading

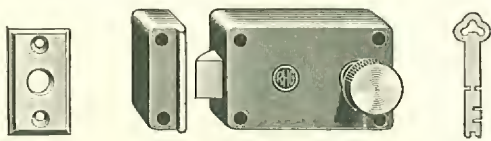
No. 1729xP1465—2 Cylinders Cast Bronze Front, Bolt, Strike and Escutcheons, Pol. Bronze Fin. Case  $5 \times 4 \times \frac{3}{4}$ ". Backset  $3\frac{1}{8}$ ". For doors not less than  $2\frac{1}{4}$ " thick. Flush Handles  $8 \times 3\frac{3}{4}$ ". Operates by handle from either side except when locked by key from either side. Each.....\$20.00

One set in a box with screws.



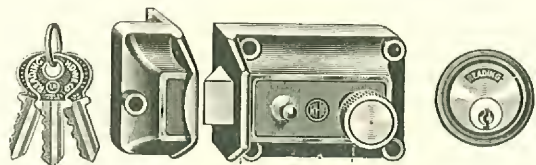
## RIM NIGHT LATCHES

CUTS REDUCED SIZE



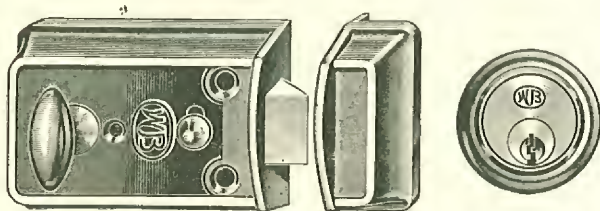
No. 644 Reading

No. 644, Case  $2\frac{1}{4} \times \frac{1}{4} \times \frac{3}{4}$ " Iron Japd. Front to center of key  $2\frac{1}{2}$ ". 24 Key Changes. For doors up to  $1\frac{3}{4}$ " thick. Two keys. Bolt may be held back by a half turn of the knob to the left. Two strikes. For doors opening in or out. Each.....\$ .75



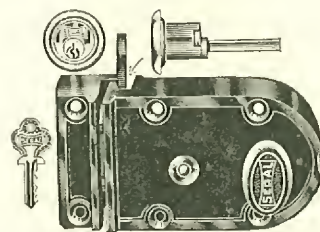
No. 757 Reading

No. 757, Case  $2\frac{3}{8} \times 3\frac{5}{8}$ " Iron Japd. Bronze Bolt, Knob and Cylinder. Front to center of cylinder  $2\frac{3}{8}$ ". 3 keys, changes unlimited. Stop holds back latch bolt. For doors  $\frac{7}{8}$  to  $2\frac{1}{2}$ " thick, opening in or out. Packed with two strikes. Each.....\$2.50



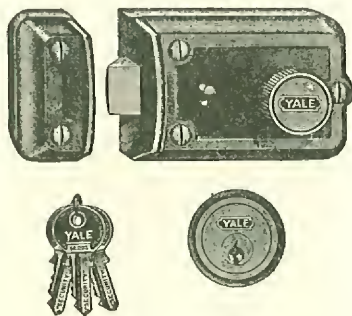
No. 326 Bohannon

No. 326, Case  $3\frac{5}{8} \times 2\frac{1}{2} \times 1$ " Iron Anti. Copper Finish. Bronze Bolt, Cylinder and Knob. Front to center of cylinder  $2\frac{3}{8}$ ". 3 Keys, changes unlimited. Bolt can be reversed for doors opening out without taking off the back plate. Connecting screws for attaching cylinder pass clear through lock case. Stop holds back latch bolt. For doors  $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick. Packed with two strikes. Each.....\$3.00



Nos. 605 to 608 Segal "Burglar Proof." The special feature of this lock is that the case and strike interlock and cannot be pried apart. Made of malleable iron, cannot be broken. Case  $2\frac{1}{2} \times 3\frac{3}{4}$ ". Front to center of cylinder  $2\frac{3}{8}$ ". 3 keys. Changes unlimited. For doors 1 to 3" thick. For doors opening in ONLY.

No. 605 Dead Black Finish, Each.....\$4.00  
No. 606 Dull Brass Finish, Each.....4.50  
No. 608 Anti. Copper Finish, Each.....4.50



No. 36R Yale

No. 36R Japd. Case  $2\frac{1}{4} \times 3\frac{1}{4} \times \frac{7}{8}$ ". Front to center of cylinder 2". Small cylinder, three corrugated keys. For doors  $\frac{7}{8}$  to  $2\frac{1}{2}$ " thick. Stop holds back latch bolt. For doors opening in or out. Packed with two strikes. Each.....\$2.00

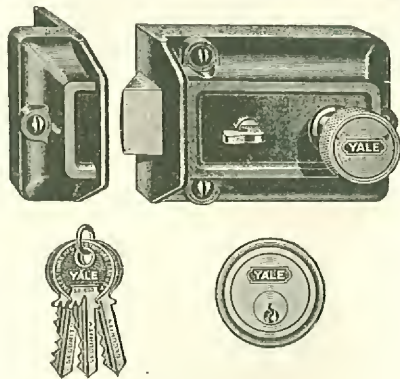
No. 042R Japd. Case  $2\frac{1}{2} \times 3\frac{5}{8} \times 1\frac{1}{8}$ ". Front to center of cylinder  $2\frac{3}{8}$ ". 3 keys, changes unlimited. For doors  $\frac{7}{8}$  to  $2\frac{1}{2}$ " thick, opening in or out. Stop holds back latch bolt. Can be dead locked by key or knob. Packed with two strikes. Each.....\$2.75

No. 042PR same as 042R except has drawback knob on rear end of case instead of turn knob. Each.....\$3.00

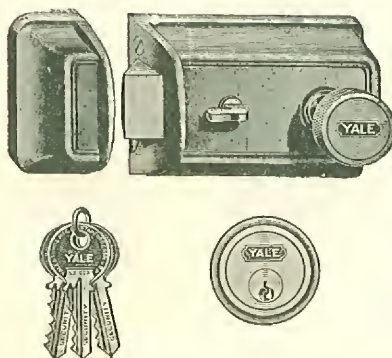
No. 42R Dull Brass Finish Iron Case  $2\frac{3}{8} \times 3\frac{1}{2} \times 1$ ". Front to center of cylinder  $2\frac{3}{8}$ ". Concealed screws. Three keys. Changes unlimited. For doors  $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick. Opening in or out. Stop holds back latch bolt. Can be dead locked by key or knob. Packed with two strikes. Each.....\$3.75

No. 43½R Case  $2\frac{3}{8} \times 2\frac{1}{2} \times 1$ ". Front to center of cylinder  $1\frac{5}{8}$ ". In other ways the same as No. 42R. Each.....\$3.75

No. 44R Deadlocking. Dull Brass Finished Iron Case  $2\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{1}{4}$ ". Front to center of cylinder  $2\frac{3}{8}$ ". Concealed screws. Three keys. Changes unlimited. For doors  $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick, opening in or out. Stop holds back latch bolt. Latch bolt projects  $\frac{1}{2}$ " but when door is closed the bolt is thrown forward and an additional  $\frac{3}{8}$ ", thus becoming a dead bolt. Packed with two strikes. Each.....\$4.50

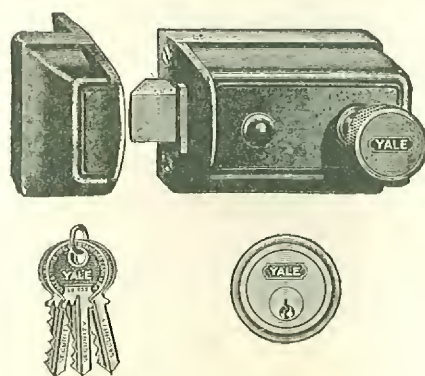


No. 042R Yale



No. 42R and 43½R Yale

All Night Latches packed one in a box, complete with screws and directions for applying

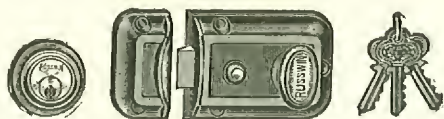


No. 44R Yale



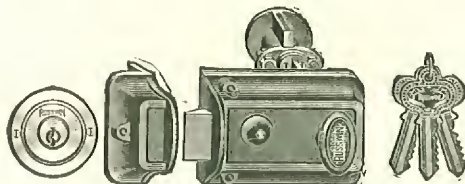
## RIM NIGHT LATCHES

CUTS REDUCED SIZE



No. 100 Russwin

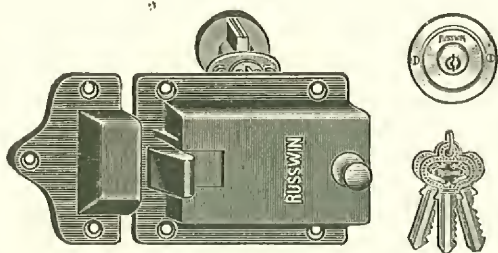
No. 100 Japd. Case  $2\frac{1}{4} \times 3$ ". Front to center of cylinder 2". Small cylinder. Three keys. Bronze bolt and knob. Stop holds back latch bolt. For doors  $\frac{7}{8}$ " to  $2\frac{1}{2}$ " thick, opening in or out. Packed with two strikes. Each.....\$2.00



Nos. 290 and 7290 Russwin

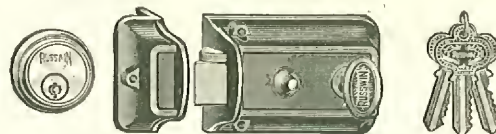
No. 290 with Russwin unit adjustable cylinder. Japd. Case  $2\frac{3}{8} \times 3\frac{3}{8}$ ". Front to center of cylinder  $2\frac{1}{2}$ ". Three keys, bronze bolt and knob. Stop holds back latch bolt. For doors  $1\frac{1}{8}$  to  $2\frac{1}{4}$ " thick, opening in or out. With two strikes. Each.....\$2.75

No. 7290x09B Old Brass Sand Finish. Iron case. In other ways same as No. 290. Each.....\$3.25



No. 200 Russwin Garage Latch  
For doors opening out only.

No. 200 Japd. Case  $4\frac{1}{2} \times 4\frac{3}{8}$ ". Front to center of cylinder 3". Russwin adjustable unit cylinder, with three keys. Hinged Latch Bolt to take care of possible shrinkage and sag of doors. Stop holds back latch bolt. For doors  $1\frac{1}{2}$  to 3" thick, opening out only. Packed with strike. For double doors. Each.....\$3.50

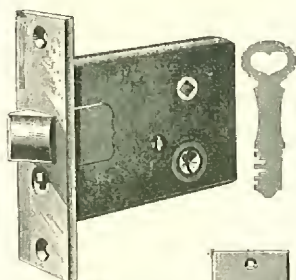


No. 690C Russwin

No. 690C Anti. Copper Finish. Iron Case  $2\frac{3}{8} \times 2\frac{3}{8}$ ". Front to center of cylinder  $2\frac{1}{2}$ ". Russwin adjustable unit cylinder. Three keys. Bronze bolt and knob. Stop holds back latch bolt. For doors  $1\frac{1}{8}$  to  $2\frac{1}{4}$ " thick, opening in or out. The Auxiliary Latch Bolt makes it impossible to force back latch bolt when door is closed. Packed with two strikes.

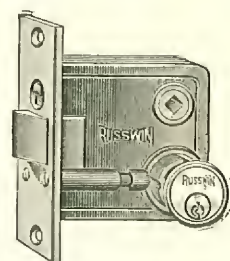
Each .....\$4.00

## MORTISE NIGHT LATCHES



No. 302

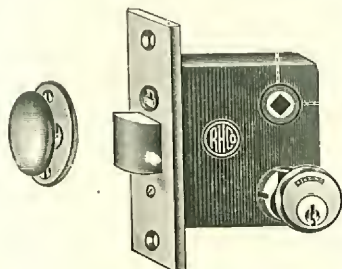
No. 302 Iron case  $2\frac{1}{2} \times 3$ ". Front to center of key hole  $2\frac{1}{4}$ ". Polished Bronze Metal Front, Bolt, Strike, Knob and Escutcheon. For doors  $1\frac{1}{8}$  to 3" thick. Opening in or out. Four tumblers, very secure, three keys. Stop in front of latch will hold back bolt. Turn knob inside, with  $\frac{5}{16}$ " spindle. Each .....\$4.00



No. 1294 Russwin

No. 1294 OB Iron Case  $3\frac{1}{4} \times 3\frac{1}{2} \times 3\frac{3}{4}$ ". Bronze front, Strike, Knob and Cylinder, Dull Brass Finish. Front to center of cylinder  $2\frac{3}{4}$ ". Front size  $5\frac{1}{8} \times 1\frac{1}{8}$ ". For doors  $1\frac{3}{8}$  to 3" thick. Opening in or out. Cylinder  $1\frac{1}{4}$ " long. Changes unlimited. Three keys. Stop in front holds back latch bolt. Turn knob inside with  $\frac{5}{16}$ " spindle. Each.....\$7.50

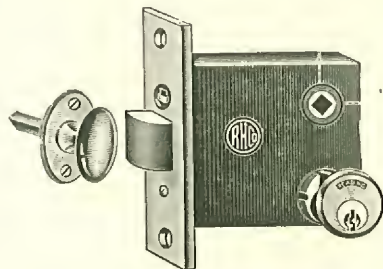
No. 1294 OBS Old Brass Sand Finish. In other ways same as No. 1294 OB. Each.....\$8.00



No. 1653 Reading

No. 1653 OB, Iron case  $3\frac{1}{4} \times 3\frac{3}{4}$ " Bronze Front Bolt, Strike, Knob and Cylinder, Dull Brass Finish. Front to center of cylinder  $2\frac{1}{4}$ ". Front size  $1 \times 5$ ". For doors  $1\frac{3}{8}$  to  $2\frac{3}{4}$ " thick. Opening in or out. Cylinder  $1\frac{1}{4}$ " long. Changes unlimited, three keys. Stop in front holds back latch bolt. Turn knob inside with  $\frac{5}{16}$ " spindle. Each.....\$6.00

No. 1657 OB Iron Case  $3\frac{1}{4} \times 3\frac{1}{2} \times 3\frac{3}{4}$ ". Front to center of cylinder  $2\frac{3}{4}$ ". In other ways same as No. 1653. Each.....\$6.00



No. 1657 Reading

*All night latches packed one in a box complete with screws and directions.*



## RIM KNOB LOCKS

All have hubs for  $\frac{1}{8}$ " Spindles.

Note: Rim Locks are packed and priced with knobs, except Nos. C605 and C2605 OB.



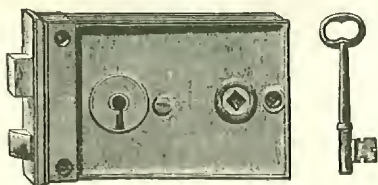
Nos. 310 and 312

Japanned Iron Case  $3\frac{1}{2} \times 4\frac{1}{4} \times 5\frac{3}{8}$ ". One tumbler, 4 Changes, Nickered Iron Key. Stop on back of case locks spindle. Packed with strike and Key Plate.

No.	Per Set
310J Iron Bolts, Black Pottery Knobs.....	\$ .60
310S Iron Bolts, Japd. Steel Knobs.....	.75
312J Brass Bolts, Black Pottery Knobs.....	1.00
312S Brass Bolts, Japd. Steel Knobs.....	1.15

One set in a box with screws.

Sixty sets in a wood case.



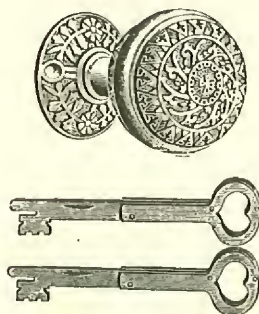
Nos. 331 and 332

Japanned Iron Case  $3\frac{1}{4} \times 5 \times 5\frac{3}{8}$ ". One Tumbler, 12 Changes, Nickered Steel Key. Stop on back of case locks spindle. Packed with strike and key plate.

No.	Per Set
331J Iron, Brass Pltd., Black Pottery.....	\$1.10
331S Iron, Brass Pltd., Japd. Steel.....	1.25
332J Brass Metal, Black Pottery.....	1.50
332S Brass Metal, Japd. Steel.....	1.65

One set in a box with screws.

Sixty sets in a wood case.



Nos. 616 and 626

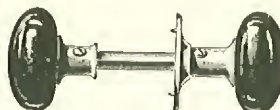
Japanned Iron Case, Iron Bolts

No. 616  
 $4 \times 6 \times 1\frac{1}{8}$ "No. 626  
 $4\frac{3}{4} \times 7 \times 1\frac{1}{8}$ "

One Tumbler, 12 Changes, two folding steel keys. Packed with strike and key plate.

No.	Per Set
616x827 Lock with Iron Knobs.....	\$2.50
626x827 Lock with Iron Knobs.....	2.75

One set in a box.



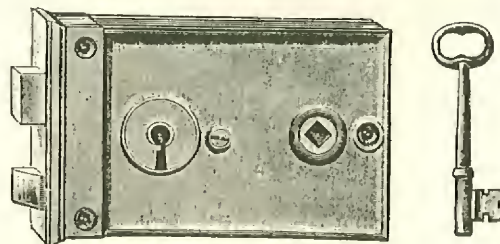
No. 300J Upright

Japanned Iron Case  $4\frac{1}{4} \times 3\frac{1}{4} \times 1\frac{1}{8}$ ". Iron Bolts. Stop on top of case locks spindle. One tumbler, 4 Changes, Nickered Iron Key packed with strikes and key plate.

No.	Per Set
300J With Black Pottery Knobs.....	\$ .60

One set in a box with screws.

Sixty sets in a wood case.



Nos. 600 and 602

Japanned Iron Case  $4 \times 6 \times 3\frac{3}{4}$ ". One tumbler, 12 Changes, Nickered Steel Key. Stop on back of case locks spindle. Packed with strike and key plate.

No.	Per Set
600S Iron Bolts, Japd. Steel Knobs.....	\$1.75
602S Brass Bolts, Japd. Steel Knobs.....	2.00

One set in a box with screws.

Sixty sets in a wood case.



Nos. C605 and C2605

## FINE COLONIAL RIM LOCKS

Case  $3\frac{3}{8} \times 5 \times 5\frac{3}{8}$ "

Front to center of Hub  $4\frac{1}{8}$ ". Front to center of Keyhole 2". One Tumbler, 18 Changes, Brass Key, Iron Bolts, Slide Bolt, Hub  $\frac{1}{8}$ ".

No.	Each
C 605 Cast Iron Case, Dull Black, without knobs.....	\$1.75
C2605 OB Cast Brass Case, Dull Brass Fin. without knobs.....	4.00

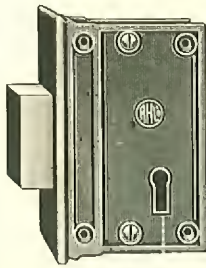
Suitable knobs for these locks are shown on page 44.

Three locks in a box.



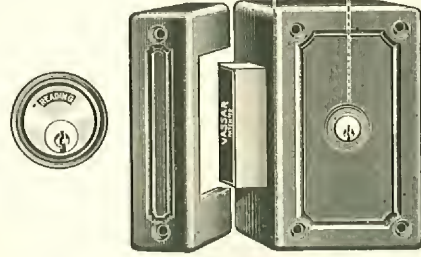
## RIM DEAD LOCKS

CUTS REDUCED SIZE



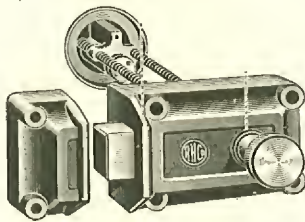
No. 431

No. 431 Bit Key Dead Lock Japd. Iron Case 5x3". Front to center of Key Hole 2". Operated by key from either side. Two folding steel keys, one Tumbler, 12 Changes, packed with strike and two Japanned Key Plates. Each.....\$1.50  
One in a box with screws.



No. 631

No. 631 Cylinder Dead Lock, Japd. Case 5x3". Front to center of cylinder 1 1/2". Operated by key from either side. 3 Keys, Changes unlimited. For doors 7/8" to 2 1/2" thick. Bronze Bolt and cylinder. With strike. Each.....\$6.00  
One in a box with screws.



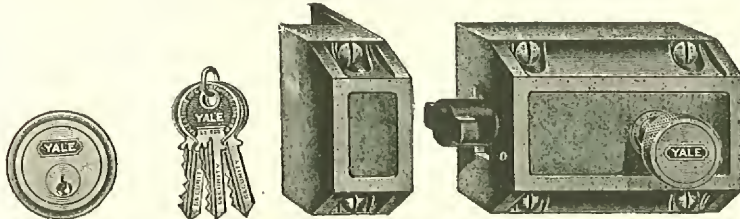
No. 780

No. 780 Cylinder Dead Lock Japd. Iron Case 2 3/8x3 3/8". Front to center of cylinder 2 3/8". Operated by key outside and by knob inside. For doors 7/8" to 2 1/2" thick. Bronze cylinder, knob, and bolt. Three keys. Each.....\$3.70  
One in a box with screws.



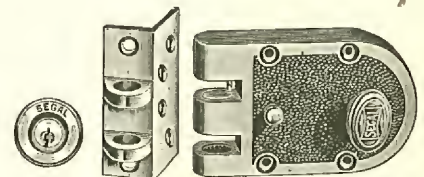
No. 10 Yale

No. 10 Cylinder Dead Lock Iron Case, Antique Copper Finish, 2 3/8x1 3/8". Front to center of cylinder 2 3/8". For doors 1" to 3" thick. Three keys, Changes unlimited. Knob inside. Case hardened steel bolt 1/4x3/8" with 1/8" throw. With strike. Each.....\$5.50  
One in a box with screws.



Nos. 192 and 192K Yale Burglar Proof

No. 192 Cylinder Dead Lock, Bright Cast Brass Case, size 2 3/4x3 7/8". Face to center of cylinder 2 3/8". For doors 7/8" to 3" thick. Heavy Bronze Rotary Bolt shoots out. Cylinder outside. Three keys. Changes unlimited. Turn knob inside. Each.....\$6.00  
No. 192K same as No. 192 except operates from outside only by key. No knob or cylinder inside. Each.....\$6.00  
One in a box with screws.

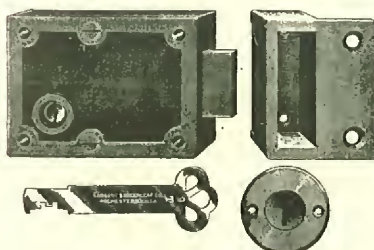


No. 676 Segal Burglar Proof

No. 676 Cylinder Lock. Polished Cast Bronze Case 2 3/4x 4 3/8". Front to center of cylinder 2 3/8". For doors 1 to 3" thick. Vertical Interlocking Bolts which are self locking on contact with the strike. Unlocked from outside by key. Unlocked from inside by knob. Small stop knob will prevent locking. Each.....\$8.00  
One in a box with screws.

## FLAT KEY DEAD LOCKS

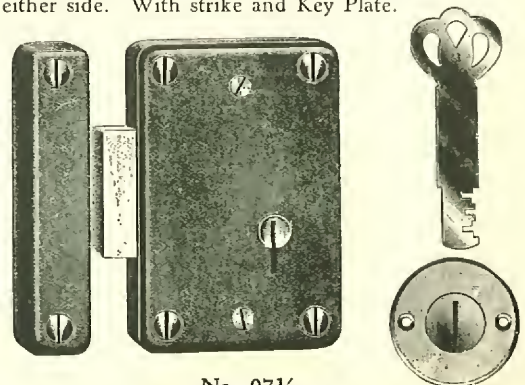
No. 13 1/2 Japd. Iron Case 2 1/4x3x3/4". Front to center of key hole 2 1/4". 3 Tumblers, 100 Changes, 2 Flat Steel Keys. Brass Bolt. For doors, 1 1/2" to 2" thick. Operated by key from either side. With strike and Key Plate. Each.....\$2.00



Nos. 13 1/2 and 13 1/2B

No. 13 1/2B All Cast Bronze. In other ways same as No. 13 1/2. Each.....\$4.00

No. 07 1/2 Japd. Iron Case 4 1/4x 2 1/2x7/8". Front to center of key hole 1 1/2". Four Tumblers, 1000 Changes. 3 flat keys. Bronze bolt throws 5/8". For doors up to 2" thick. Operated by key from either side. With strike and key plate. Each.....\$3.75



No. 07 1/2



## BIT KEY MORTISE DEAD LOCKS

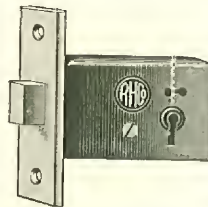
CUTS REDUCED SIZE



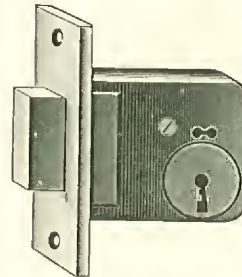
No. 84



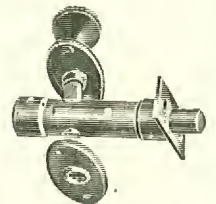
No. 1077



No. 1090



No. 1295



No. 1291

Suitable Key Plates for use with these locks are shown on page 47.

Two keys furnished with each lock. Keyed alike if desired. Keys operate from either side.

No.	Finish	Size Case	Backset	Front	Bolt	Tumblers	Changes	Each
1084 OB	Dull Brass	1 3/4 x 2 x 1/2"	1 1/2"	Bronze 3 1/4 x 3/4"	Iron	1	4	\$1.00
1077 OB	" "	2 x 2 1/2 x 1/2"	1 7/8"	Bronze 3 1/2 x 7/8"	Bronze	1	12	1.25
1090 OB	" "	2 x 3 1/4 x 5/8"	2 3/8"	Bronze 4 x 1 1/8"	"	3	48	1.75
1295 OB	" "	3 x 3 1/2 x 3/4"	2 5/8"	Bronze 5 1/4 x 1 3/8"	"	4	3000	5.00

Six in a box with flat strikes and screws.

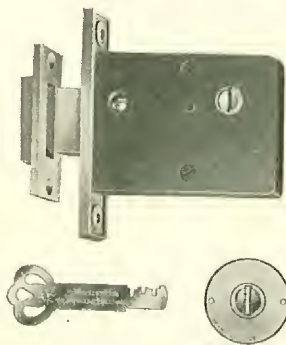
## TUBULAR MORTISE DEAD LOCKS—for Toilet and Bath Doors

No. 1291N Round Steel Case 1 5/8 x 3 3/4"—Front 1 x 2 3/8". Front to center of key and knob 2 1/2". Bolt 1/8" diameter, 5/8" throw. Operated by key outside, and by Bronze Turn Knob inside. Two keys, fifteen changes, wrought bronze key plate. Mortise made by boring one hole 1/8" diameter. Nickel Plated. Each.....\$1.75

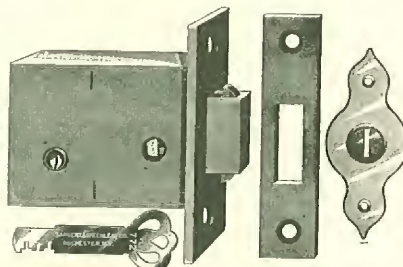
One in a box with flat strike.

## FLAT KEY MORTISE DEAD LOCKS

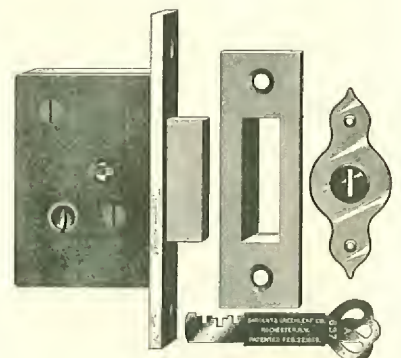
Also see No. 0361 page 76.



No. 113



No. 013, Not self locking



No. 7

All of these Flat Key Dead Locks have Cast Bronze Fronts, Bolts and Strikes. Each lock is packed with two bronze Escutcheons. The Keys are made of liberty silver. The finish of Fronts, Strikes and Escutcheons is Polished Bronze. Carried in stock, keyed alike. Can be furnished to order, keyed different or masterkeyed.

No.	Case	Backset	Front	Tumblers	Changes	Keys	Each
113	Iron 2 1/8 x 3 x 5/8"	2 1/4"	3 5/8 x 7/8"	3	100	2	\$3.50
*013	Bronze 2 1/4 x 3 x 5/8"	2 1/4"	3 3/4 x 7/8"	4	1000	3	6.00
7	Iron 3 3/8 x 2 1/2 x 3/4"	1 5/8"	5 x 1 1/8"	4	1000	3	4.50

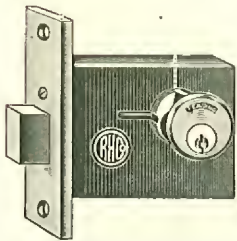
One in a box with strike, escutcheons and screws.

\*No. 013 has hook bolt and may be used on sliding doors. Suitable for sliding doors to large show and clothing cases.

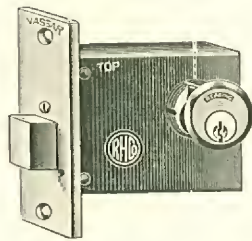


## CYLINDER MORTISE DEAD LOCKS

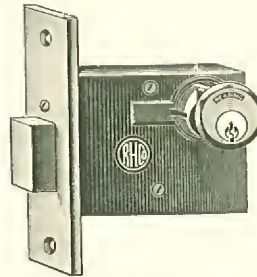
CUTS REDUCED SIZE



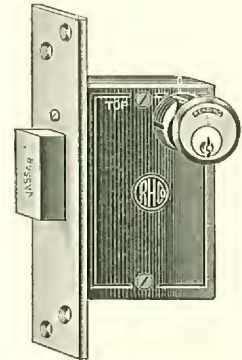
Nos. 001616 and 01616



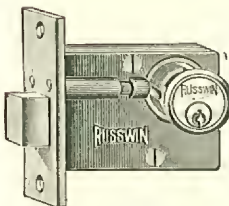
No. 1616



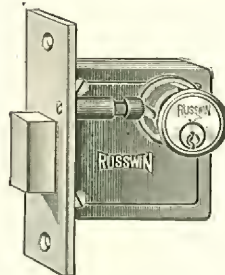
No. 1622



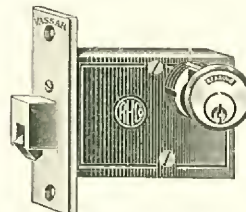
No. 1633

Nos. 1635, 1637 and 1639  
are wider

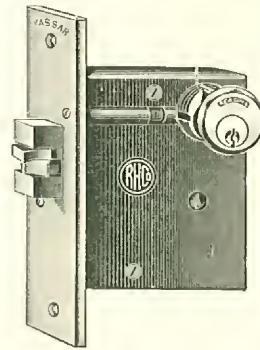
No. 1203 1/2



No. 1205 1/2



No. 1626



No. 1628

All locks on this page have two cylinders. Turn knob in place of one cylinder will be furnished at same price if desired.

Key changes unlimited. Three keys furnished with each lock.

Bronze Metal Front, Bolt, Strike, Cylinder and Cylinder Rings.

In ordering specify thickness of door.

No.	Finish	Make	Backset	Case	Front	Each
001616 OB	Dull Brass	Reading	2 "	2 3/4 x 3 x 3/4"	4 3/8 x 1 "	\$ 6.50
01616 OB	" "	"	2 1/4 "	2 3/4 x 3 1/4 x 3/4"	4 3/8 x 1 "	6.50
1616 OB	" "	"	2 1/2 "	2 3/4 x 3 3/8 x 3/4"	4 3/8 x 1 "	6.50
1622 OB	" "	"	2 3/4 "	3 x 3 3/8 x 7/8"	5 1/4 x 1 1/8 "	7.50
1633 OB	" "	"	2 1/4 "	4 1/2 x 3 1/4 x 7/8"	7 x 1 1/4 "	10.00
1635 OB	" "	"	2 1/2 "	4 1/2 x 3 1/2 x 7/8"	7 x 1 1/4 "	10.00
1637 OB	" "	"	2 3/4 "	4 1/2 x 3 3/4 x 7/8"	7 x 1 1/4 "	10.00
1638 OB	" "	"	3 "	4 1/2 x 4 x 7/8"	7 x 1 1/4 "	10.00
1203 1/2-OB	" "	Russwin	2 3/4 "	2 1/2 x 3 3/4 x 5/8"	4 1/8 x 1 1/8 "	7.00
1203 1/2-OBS	Sand Old Brass	"	2 3/4 "	2 1/2 x 3 3/4 x 5/8"	4 1/8 x 1 1/8 "	7.00
1205 1/2-1 1/2"-OB	Dull Brass	"	1 1/2 "	3 1/4 x 2 1/2 x 3/4"	5 1/2 x 1 1/4 "	10.00
1205 1/2-2"-OB	" "	"	2 "	3 1/4 x 3 x 3/4"	5 1/2 x 1 1/4 "	10.75
1205 1/2-2 3/4"-OB	" "	"	2 3/4 "	3 1/4 x 3 3/4 x 3/4"	5 1/2 x 1 1/4 "	10.75
1205 1/2-2 3/4"-OBS	Sand Old Brass	"	2 3/4 "	3 1/4 x 3 3/4 x 3/4"	5 1/2 x 1 1/4 "	9.75
1205 1/2-2 3/4"-PB	Polished Bronze	"	2 3/4 "	3 1/4 x 3 3/4 x 3/4"	5 1/2 x 1 1/4 "	9.00
*1626 OB	Dull Brass	Reading	2 3/4 "	2 1/2 x 3 5/8 x 3/4"	2 3/4 x 1 1/8 "	10.50
*1628 OB	" "	"	2 3/4 "	4 1/2 x 3 3/4 x 1 1/8 "	7 x 1 3/8 "	14.00

\*These locks have hook bolts. Hook shoots out when bolt is thrown out by the key. Can be used on sliding doors and give extra security on hinged doors.

One in a box with Strike, Cylinder Rings and Screws.



## WIRE AND IRON WORKERS LOCKS

## GRILLE LOCKS

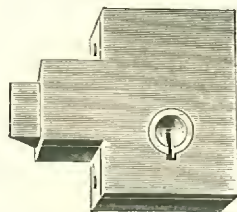
CUTS HALF SIZE



Nos. 309 and 309 1/2

Made of Bronze Metal throughout. Tapped for and furnished with machine screws for attaching to frame of Grille. Carried in stock, keyed alike. Two liberty silver keys to each lock.

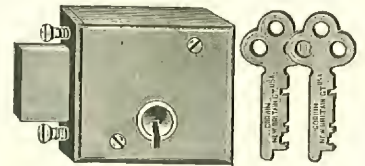
No.	Size Case	Backset
309	1 1/4 x 1 x 3/8"	1 1/2"
309 1/2	1 1/4 x 1 x 3/8"	1 1/2"
310	1 3/8 x 1 1/8 x 3/8"	1 1/2"
310 1/2	1 3/8 x 1 1/8 x 3/8"	1 1/2"
0588L	1 1/2 x 1 3/8 x 3/8"	1 7/8"



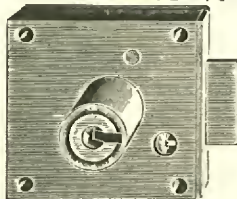
Nos. 310 and 310 1/2

Bolt	Bolt Throw	For Frames
Dead	3/8"	1/4" Channel
"	3/8"	1/2" Channel
Spring	1/4"	1/4" Channel
"	1/4"	1/2" Channel
Dead	1/4"	1/4" Channel

Six locks in a box.



No. 0588L



No. 318 similar to No. 0581

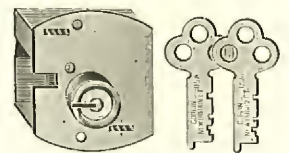
Made of Bronze Metal throughout.

Suitable for Metal Doors. Carried in stock, keyed alike. Two liberty silver keys to each lock.

No.	Size Case	Backset
318	1 3/8 x 1 1/2 x 1 5/8"	1 1/8"
318	1 3/8 x 1 1/2 x 1 5/8"	1 1/8"
0581	1 1/2 x 1 5/8 x 1 1/2"	7/8"
0363	1 1/4 x 1 1/8"	5/8"

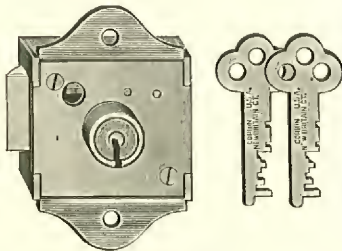
Bolt	Bolt Throw	Dia. Tube
Dead	1/4"	1/2"
Dead	1/4"	1/2"
Spring	1/4"	1 1/8"
Spring	1/8"	1/2"

Six locks in a box.

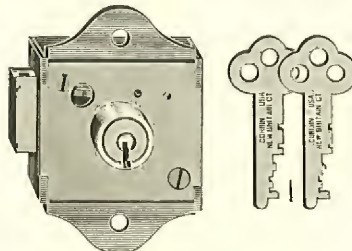


No. 0363

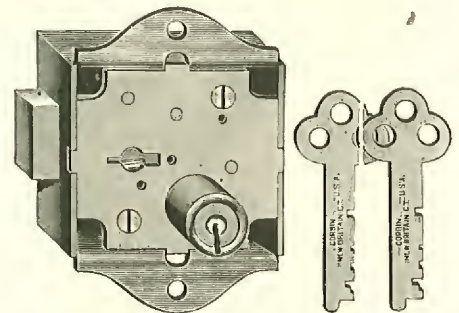
## LOCKER LOCKS



No. 581X



No. 582X



No. 355W

Japanned Steel Case, Brass Bolt. Bolt throws 1 1/8". Two Nickeled Flat Steel Keys.

These locks can be furnished Masterkeyed to order at an extra price.

No.	Size Case	Backset
581X	2 3/8 x 1 5/8"	7/8"
582X	2 3/8 x 1 5/8"	7/8"
355W	3 1/4 x 2 1/4"	1 1/8"

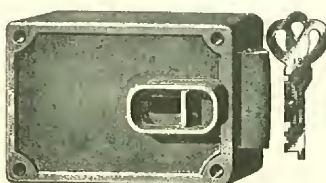
Bolt	Tumblers	Dia. Tube
Spring	3	9/16"
Dead	3	9/16"
"	4	9/16"

For Doors	Each
1/4" and 3/4" thick	\$1.10
1/4" and 3/4" thick	1.10
1/4" thick	1.40

Specify length of tube desired.

Six locks in a box.

## SPRING GATE LATCH



No. 061 1/2 operates from both sides.

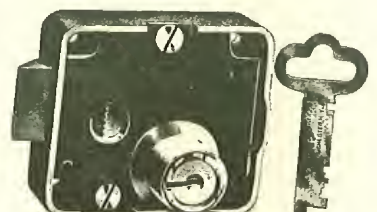
No. 061 1/2 Bronze Metal throughout. Case 2 3/8 x 3 3/8 x 7/8". Heavy Spring Latch Bolt. Front to center of key hole 1 1/8". Tube 1 1/8" diameter. Operated from outside by key and from inside by slide knob. Tube 3/8" long. 4 Tumblers. 1000 Changes. In ordering give sketch showing hand of door and whether opening in or out.

Each \$6.50  
No. 55 1/2 Bronze Metal throughout. Case 2 1/4 x 2 3/8". Dead Bolt throws 1 1/8". Front to center of key hole 1 1/8". Tube 1 1/8" diameter. 6 Tumblers. 1000 Changes. Tube 1/4" long. Can be masterkeyed to special order. Each \$2.00  
No. 56 1/2 has Spring Bolt. In other ways same as No. 55 1/2.

Each \$2.25

Six locks in a box.

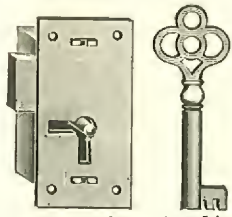
## BRONZE LOCKER LOCK

No. 55 1/2 has Dead Bolt  
No. 56 1/2 has Spring Bolt

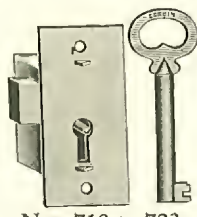


## WARDROBE LOCKS

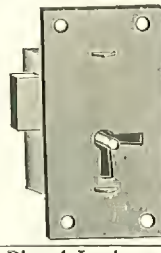
CUTS HALF SIZE



Nos. 701B to 704 1/8



Nos. 718 to 723



Brass Plated Lock



Bronze Key



Strike



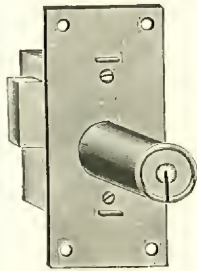
Pull

## No. 702 1/8 B Special Wardrobe Lock Set

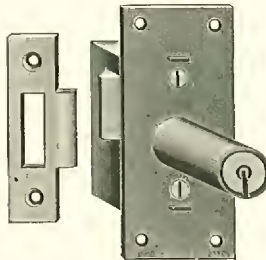
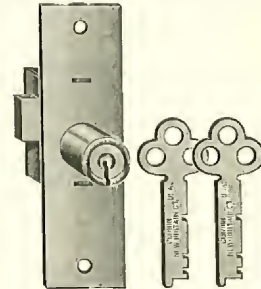
Bolt shoots Right and Left.		For Strikes and Key Plates suitable for these locks, see page 79.		Levers		Changes		Keys		Each
Corbin	Eagle	Yale	Case	Size	Backset	Levers	Changes	One	Plain Iron	
No. 701B	No. 1875 1/4	No. W2 1/4	Plain Steel	2 x 1 "	1/2 "	Tumbler	None	One	Plain Iron	.....\$1.20
702B	415 1/4	W3 1/4	" "	2 1/2 x 1 1/4 "	3/8 "	"	"	"	"	..... .20
704	510	W7	" "	3 x 1 3/4 "	7/8 "	"	"	"	"	..... .25
702 1/8 B	415 1/4 A	W3 1/4 KA	Brass Plated	2 1/2 x 1 1/4 "	3/8 "	"	"	One	Brass Plated	..... .30
704 1/8	510 1/4	W7 KA	" "	3 x 1 3/4 "	7/8 "	"	"	"	"	..... .30
718	1205	W34	Plain Steel	1 7/8 x 7/8 "	7/8 "	2 Levers	12	One	Pol. Steel	..... .90
719	1801	W36	" "	2 1/2 x 1 1/8 "	1 1/8 "	"	"	"	"	..... .90
723	158	W44	" "	3 x 1 3/4 "	7/8 "	"	"	"	"	..... .90

Twelve in a box without screws.

No. 702 1/8 B Special Wardrobe Lock Set, packed with No. 702 1/8 B lock. Polished Bronze Metal Key, for doors up to 1 1/8" thick. Brass Strike Plate 1 1/2 x 3/8" and combination Key Plate and Pull 3 1/2 x 5/8". 12 sets in a box, with screws. Per Set.....\$1.75



Nos. 0749-0750 and 0751

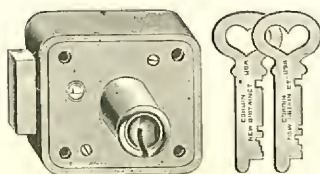
Spring Bolt  
Nos. 0749 1/2 and 0750 1/2 with strike

No. 0749S

Brass Case, Brass Dead Bolt shoots Right and Left. Two secure levers. 12 Changes. Two flat steel keys. For strikes suitable for these locks, see page 79.										Keyed Different	Keyed Alike
No.	Corbin	No.	Eagle	No.	Yale	Size	Backset	Tube Diameter	For Doors Thickness		
0749		1056		WA100	1 7/8 x 7/8"	1 7/8"	1 1/2"	1 1/2"	Special	\$1.00	\$1.00
0749		1056		WA100	1 7/8 x 7/8"	1 7/8"	1 1/2"	1 1/2"		1.00	1.00
0750		6098		WA102	2 3/4 x 1 1/4"	5/8"	5/8"	5/8"	1/4, 5/8 and 1 3/8" Spec.	1.50	1.50
0750		6098		WA102	2 3/4 x 1 1/4"	5/8"	5/8"	5/8"	7/8 and 1 1/8"	1.25	1.25
0751		6074		WA103	3 x 1 5/8"	1 1/8"	1 1/2"	1 1/2"	7/8 and 1 1/8"	1.50	1.50
0749S		1056A			3 x 7/8"	7/8"	1 1/2"	1 1/2"	3/8"	2.00	2.00
0749 1/2		1056 1/2		WA100 1/2	1 7/8 x 7/8"	7/8"	1 1/2"	1 1/2"	7/8" handed	1.25	
0750 1/2		6098 1/2		WA102 1/2	2 3/4 x 1 1/4"	5/8"	5/8"	5/8"	1 1/8" handed	1.50	

Twelve in a box without screws.

## SUB-TREASURY LOCK



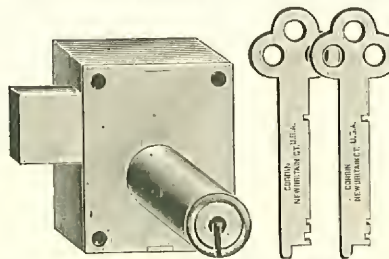
No. 0599

Bronze Metal throughout. Case 1 1/2 x 1 3/8". Backset 7/8". Heavy bolt. Tube 1/8" diameter. Two flat steel keys. Three lever tumblers. 12 Changes. Carried in stock for 1/2", 3/4", 7/8" and 1 1/8" doors. Keyed alike or all different as desired. Can be masterkeyed to special order and at an extra price.

No. 0599, Each.....\$1.50

Six in a box without screws.

## MASTERKEYED LOCKER LOCK



No. 0755 Masterkeyed

Brass Metal throughout. Case 2 x 1 1/2". Backset 3/4". Strike 2 x 1 1/2". Heavy Bolt shoots Right and Left and projects 3/4". Five lever tumblers. Two flat steel keys. Carried in stock, masterkeyed and for 7/8" and 1 1/8" doors.

No. 0755 Masterkeyed for 7/8" or 1 1/8" doors, Each.....\$2.00

Masterkeys for No. 0755MK, Each..... .90

Six in a box without screws.

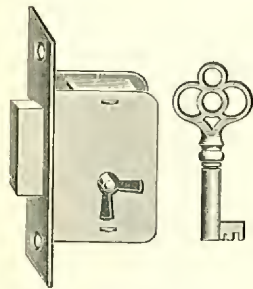
There are 2364 possible Key Changes for this lock when masterkeyed. Can be furnished in sets with a different masterkey for each set if desired. Can be furnished for any thickness of door. Also can be furnished not masterkeyed.



# WARDROBE AND CUPBOARD LOCKS AND LATCHES

CUTS REDUCED SIZE

Also see Tubular Latches, page 107



## MORTISE WARDROBE LOCK

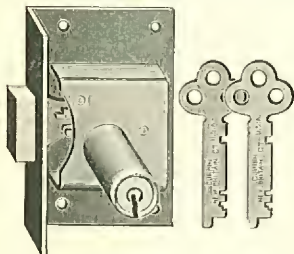
### BIT KEY

Brass Front, Steel Case, Tumbler.  
No Changes.

	No. 310	No. 311
Case	2 5/8 x 1 1/8"	2 5/8 x 1 3/8"
Backset	3/8"	7/8"
Keyhole cut for cupboard and drawer. Illustration shows lock for Right Hand door. Also made for Left Hand door. State required hand of lock.		

Nos. 310 and 311

No. 310 With Malleable Iron Key, Each	\$ .30
310x4001 With Polished Bronze Key, Each	.50
311 With Malleable Iron Key, Each	.30
311x4001 With Polished Bronze Key, Each	.50
Twelve in a box, without strikes or screws.	



## FLUSH CUPBOARD LOCK

### Flat Key

All Brass. Two Flat Steel Keys.

	No. 0331	No. 0350
Case	2 1/2 x 1 1/2"	3 x 1 3/4"
Backset	3/4"	7/8"
Lever	2	3
Key Changes	12	12

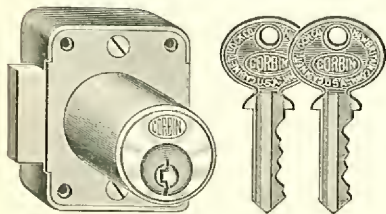
Nos. 0331 and 0350

Illustration shows lock for Right Hand Door. State Hand, thickness of door and how keyed. Carried in stock, keyed different and keyed alike. Furnished on special order with 210 changes and masterkeyed.

No. 0331 for doors 7/8" and 1 1/8" thick, Each	\$1.70
0350 for doors 7/8" and 1 1/8" thick, Each	2.40
Twelve in a box, without strikes or screws.	

## RIM CUPBOARD LOCKS

Pin Tumbler with Dead Bolt



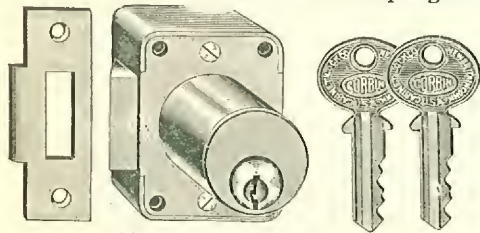
No. 0764

All Brass Case 2 x 1 1/2". Backset 3/4". Cylinder 1 1/8" diameter. Changes unlimited. Bolt shoots Right and Left. Not handed. Carried in stock for 7/8" and for 1 1/8" door. On special order and at extra price can be masterkeyed.

No. 0764 Keyed different for 7/8 and 1 1/8" doors. Each	\$3.50
No. 0764 Keyed alike for 7/8 and 1 1/8" doors. Each	\$4.00
One in a box without strike or screws.	

## RIM CUPBOARD LOCK

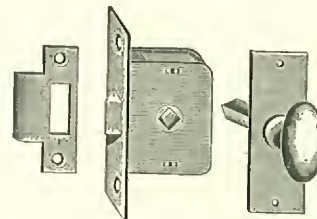
Pin Tumbler with Spring Bolt



No. 0252 is handed.

doors and how keyed. On special order and at extra price can be masterkeyed.

No. 0252 Keyed alike for 7/8 and for 1 1/8" doors. Each	\$4.50
0252 Keyed different for 7/8 and for 1 1/8" doors. Each	4.00
One in a box with strike, without screws.	

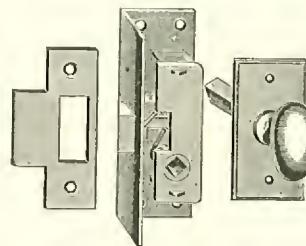


No. 0226

## MORTISE CUPBOARD LATCH

All Brass Metal except lock case. Steel Case 1 5/8 x 1 3/8 x 5/16". Brass Front 2 5/8 x 1 1/8". Backset 7/8". Flat Strike 2 1/4 x 7/8". Oval Knob 1 3/8 x 1 1/8" on Plate 3 x 1". Reversible for Right or Left Hand.

No. 0226 OB Dull Brass Finish, Each	\$1.50
Twelve in a box complete with screws.	



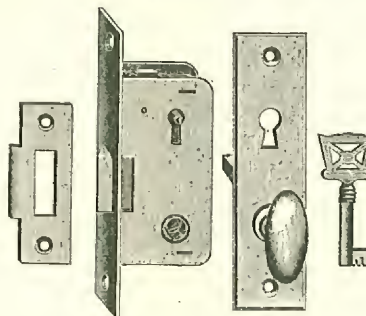
No. 05549D

## FLUSH CUPBOARD LATCH

All Brass Metal case 3 x 1 1/8". Front 3 x 3/8". Backset 3/4". Angle Strike 2 1/4 x 1 1/8 x 1/2". Oval Knob 1 1/8 x 5/8" on plate 2 1/4 x 3/4". Reversible for Right or Left Hand.

No. 05549D OB Dull Brass Finish, Each	\$2.25
Twelve in a box complete with screws.	

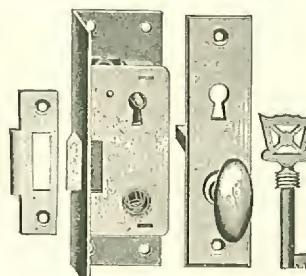
## MORTISE CUPBOARD LOCKS



No. 2302D Right Hand

All Brass Metal except lock case. Steel Case 2 5/8 x 1 3/8 x 3/8". Brass Front 4 x 1/2". Backset 7/8". Flat Strike 2 1/4 x 7/8". Key, Polished Brass. Oval Knob 1 3/8 x 1 1/8". On Plate 4 x 1". Center of knob to center of keyhole 1 1/8". Key deadlocks latch bolt and it cannot be forced back. Not reversible. State Hand required.

No. 2302D Polished Brass Finish. Each	\$2.50
Six in a box complete with screws.	



No. 02303D Right Hand

## FLUSH CUPBOARD LOCK

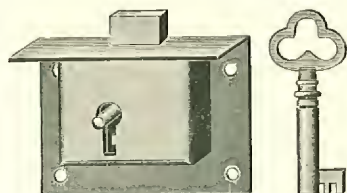
All Brass Metal Case 4 x 1 1/8". Front 4 x 1 1/8". Backset 7/8". Angle strike 2 1/4 x 1 1/8 x 5/8". Key, Fancy Polished Brass, Oval Knob 1 3/8 x 1 1/8" on plate 4 x 1". Center of knob to center of key hole 1 1/2".

Key deadlocks latch bolt and it cannot be forced back. Not reversible. State hand required.	
No. 02303D Pol. Brass Finish, Each	\$2.50
Six in a box complete with screws.	

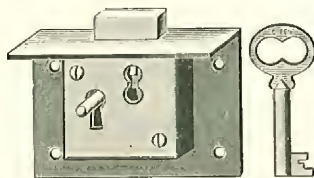


## DRAWER LOCKS

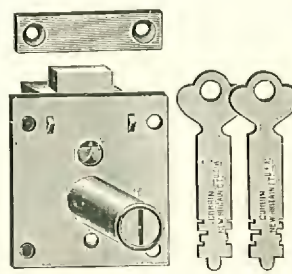
CUTS HALF SIZE



Nos. 620 to 624



Nos. 450 to 454

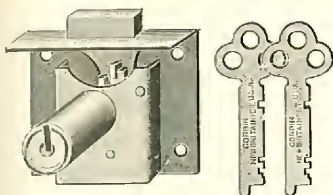


No. 0699

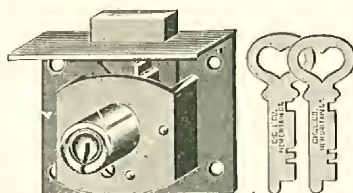
Corbin No.	Eagle	Yale	Case	Size	Backset	Levers	Changes	Key One	Thickness of wood	Each
620	135	R 460	Steel	1 1/8 x 1 1/2"	1 1/2"	Backspring	None	"	Up to 5/8"	\$.20
622	71	R 462	"	1 3/8 x 2"	3/8"	"	"	"	Up to 3/4"	.25
624	97	R 464	"	1 5/8 x 2 1/4"	3/4"	"	"	"	Up to 1"	.25
450	S63	R 100	"	1 1/2 x 1 1/4"	1 1/2"	2 Levers	12	"	Up to 3/4"	.70
452	454	R 101	"	1 1/2 x 2"	5/8"	"	12	"	Up to 7/8"	.70
0452	455	RA101	Brass	1 1/2 x 2"	5/8"	"	12	"	Up to 7/8"	.90
454	660	R 104	Steel	1 5/8 x 2 1/4"	3/8"	"	12	"	Up to 7/8"	.80
0699	01848	RA360	Brass	1 7/8 x 1 5/8"	1 1/8"	"	36	Two	7/8 and 1 1/8"	.80

Note: No. 0699 has strike and is carried, keyed different and keyed alike, same price.

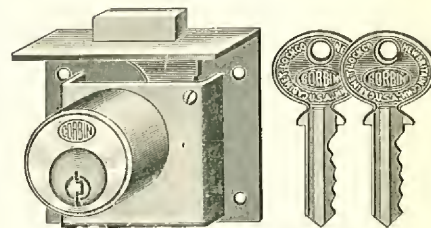
Twelve locks in a box without screws.



No. 0590Y



Nos. 0675 and 0676

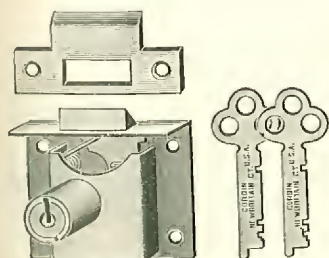


No. 0667 Cylinder 7/8 diameter  
No. 0686 Cylinder 1 1/8 diameter

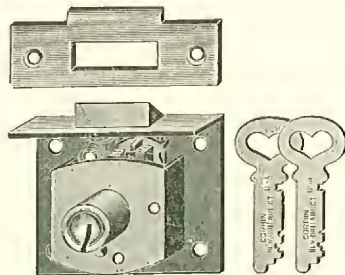
Corbin No.	Eagle	Yale	Size	Backset	Tumblers	Changes	Dia. Tube	For Door Thickness	Keyed Different	Keyed Alike
0590Y	6080	RA295	1 1/2 x 1 3/4"	3/4"	2 Levers	12	1/2"	7/8"	\$ .70	\$ .70
0675	01901	RA395	1 3/4 x 2"	7/8"	3 Levers	100	7/8"	7/8, 1 1/8"	1.00	1.00
0676	01902	RA396	1 5/8 x 2 1/4"	7/8"	3 Levers	100	1 1/8"	7/8, 1 1/4"	1.10	1.10
0667	03203	5561	1 3/4 x 2"	1"	4 Pins	Unlimited	7/8"	3/4, 7/8"	2.50	2.75
0686	03210	561	2 x 2 1/4"	1"	4 Pins	"	1 1/8"	3/4, 7/8"	2.75	3.00
0686	03210	561	2 x 2 1/4"	1"	4 Pins	"	1 1/8"	1 1/4" Special	3.00	3.25

Flat key locks twelve in a box. Pin tumblers locks, one in a box without screws

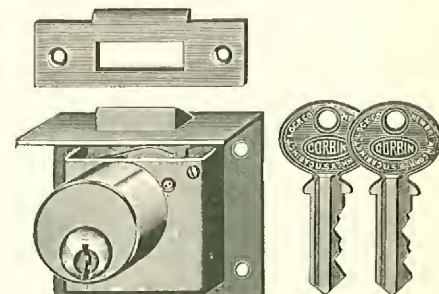
## SPRING BOLT DRAWER LOCKS



No. 0590 3/4



No. 0675 1/2



No. 0666 1/2 Cylinder 7/8 Diameter  
No. 0686 1/2 Cylinder 1 1/8 Diameter

All Brass. Can be masterkeyed on special order and at extra price. Two keys to each lock except locks keyed alike which have one key. Strikes are included.

Corbin No.	Eagle	Yale	Size	Backset	Tumblers	Changes	Tube Dia.	For Doors Thickness	Keyed Different	Keyed Alike
0590 3/4	01921 1/2	RA290	1 1/2 x 1 3/4"	3/4"	2 Levers	12	1/2"	7/8"	\$1.10	.....
0675 1/2	01876 1/2	966	2 x 2 3/4"	7/8"	3 Levers	100	7/8"	7/8"	1.25	\$1.25
0666 1/2	03273	5561S	1 5/8 x 2"	7/8"	4 Pins	Unlimited	7/8"	7/8"	3.00	.....
0686 1/2	03278	561S	2 x 2 1/4"	1"	4 Pins	"	1 1/8"	7/8"	3.75	.....

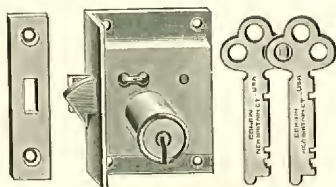
Flat key locks, twelve in a box. Pin tumbler locks, one in a box without screws.

Note: We can furnish tubular and pin tumbler drawer locks for other thicknesses of wood on special order and at extra price.

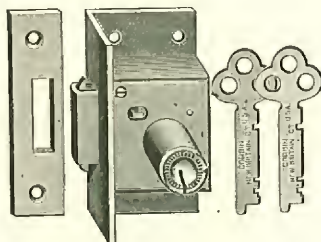


## SHOW CASE LOCKS

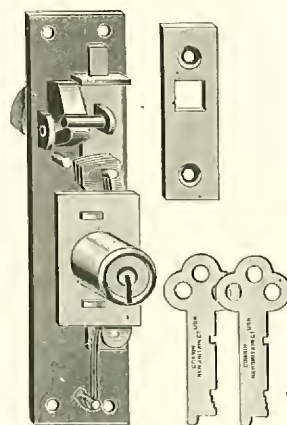
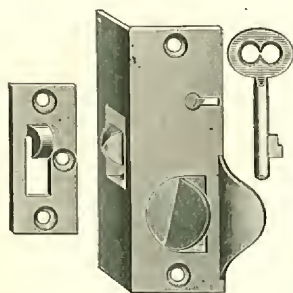
CUTS HALF SIZE



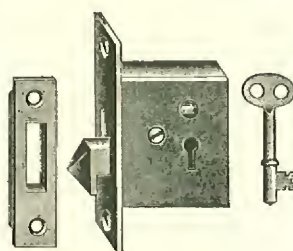
No. 0342



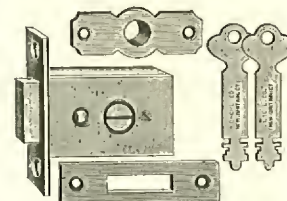
No. 0329

No. 02295 1/2  
For Parallel Doors

Nos. 02298 and 02299



Nos. 02123 and 02297



No. 0361 for Slide up Doors and Sash

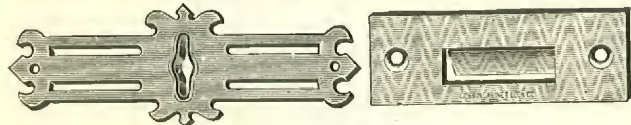
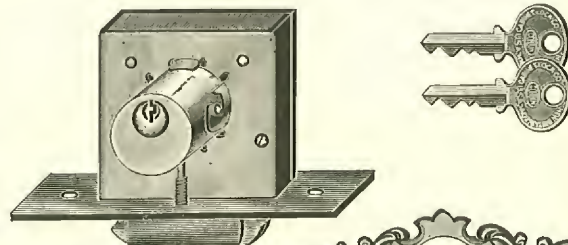
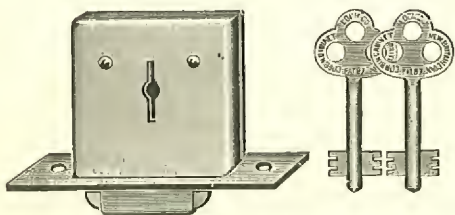
All Brass. With strikes. Locks keyed alike have one key each. Key plates suitable for Nos. 02123 and 02297 shown on page 79.

No.	Corbin	Eagle	Size	Backset	Changes	For Doors Thickness	Hand	Operation	Keying	Each
0342			1 3/4 x 1 3/8"	5/8"	12	7/8"	Specify	Locks with key	Alike	\$1.35
*0329		6179	2 1/4 x 1 1/8"	1 1/8"	12	7/8"	Reversible	" " "	"	2.00
02298		02125	2 7/8 x 1"	"	0	Any	Specify	" " "	"	1.50
02299		01952	2 7/8 x 1 1/8"	"	0	"	"	" " "	"	1.50
		02123	2 1/4 x 1 1/8"	3/4"	0	"	Reversible	Self locking	"	1.50
02297		01954	2 7/8 x 1 1/8"	1"	0	"	"	"	"	1.50
0361			2 1/4 x 2"	1 1/8"	12	"	"	Locks with key	"	2.00
*02295 1/2		01935 1/2	4 1/2 x 1"	"	12	7/8 and 1 1/8"	"	" " "	"	2.25

\*Can be furnished for any thickness of wood, keyed different and masterkeyed on special order and at extra price.

All, twelve in a box with strikes and without screws.

## DESK LOCKS



Nos. 47 3/4 C and 58C



No. 42E

All have two keys, self closing strike and escutcheon. All brass trim.

Corbin	Eagle	Yale	Front	Case	Backset	Tumblers	Changes	Each
47 3/4 C	1984C	S 208	2 1/8 x 1 1/8"	1 1/8 x 1 1/2 x 1 1/8"	1"	4 Levers	12	\$1.00
58 C	1810C	S 222	3 1/4 x 3/8"	1 1/8 x 1 1/2 x 3/8"	1"	6 Levers	12	2.00
*58 3/4 E	2128E	S2240	3 1/4 x 3/8"	1 1/8 x 1 1/2 x 3/8"	1"	6 Levers	12	2.00
42 E	3073E	S 236	3 1/4 x 3/4"	1 1/8 x 1 3/4 x 3/8"	1"	3 Pins	Unlimited	4.00

\*58 3/4 E is same as 58C except has flat keys and 5/8" diameter tube for wood 1 1/2" thick.

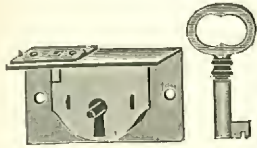
All, six in a box, complete with screws.



## CHEST LOCKS

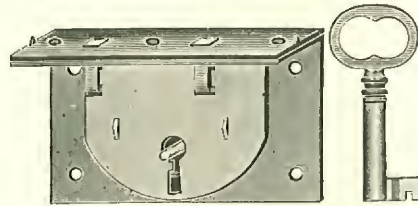
CUTS HALF SIZE

Single Link—Back Spring



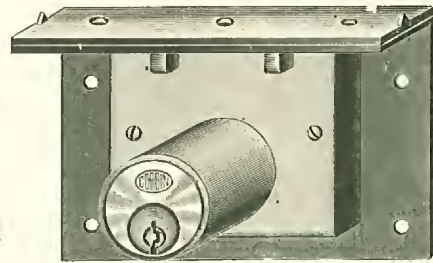
No. 01 and No. 3

Double Link—Back Spring



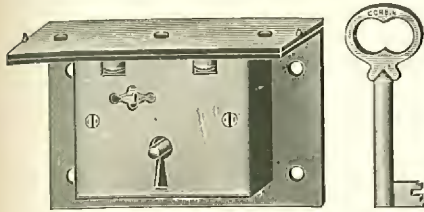
Nos. 30, 32, 33 and 36

Double Link—Pin Tumbler



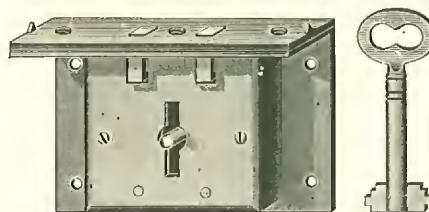
Nos. 0170 and 0172

Double Link—Secure Lever



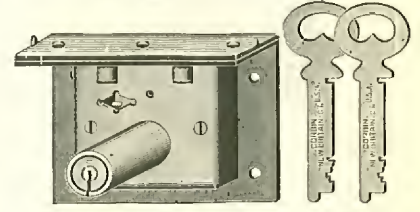
Nos. 100, 102, 104, 106 and 109

Double Link—Secret Wards



Nos. 80, 88, 89 and 82

Double Link—Secure Lever



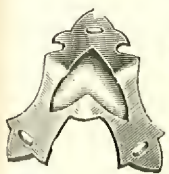
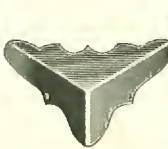
Nos. 0142P, 0144P and 0146P

Nos. 80, 88, 89 and 82 are packed with Escutcheons. Suitable Escutcheons for other numbers see page 79.

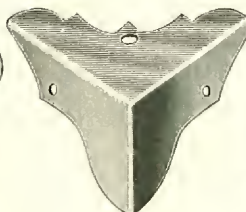
Corbin	Eagle	Yale	Metal	Size	Backset	Changes	Tumblers	Keys	For Wood	Each
01	42	SA21	Brass	$\frac{7}{8} \times 1\frac{1}{4}$ "	$\frac{3}{8}$ "	0	None	1	up to $\frac{1}{2}$ "	\$.20
3	139	S24	Steel	1 x $1\frac{3}{4}$ "	$\frac{1}{2}$ "	0	None	1	up to $\frac{5}{8}$ "	.20
30	181	S1	"	1 x $1\frac{1}{2}$ "	$\frac{1}{2}$ "	0	None	1	up to $\frac{5}{8}$ "	.45
32	64	S2	"	$1\frac{1}{4} \times 2$ "	$\frac{3}{4}$ "	0	1 Ward	1	up to $\frac{5}{8}$ "	.45
33	167	S3	"	$1\frac{3}{8} \times 2\frac{1}{4}$ "	$\frac{3}{4}$ "	0	1 Ward	1	up to $\frac{5}{8}$ "	.50
36	160	S6	"	$1\frac{3}{4} \times 3$ "	1"	6	1 Ward	1	up to 1"	.60
100	471	S110	"	$1\frac{1}{4} \times 1\frac{1}{2}$ "	$\frac{3}{4}$ "	12	2 Levers	1	up to $\frac{3}{4}$ "	.70
102	467	S112	"	$1\frac{1}{2} \times 2$ "	$\frac{7}{8}$ "	12	2 Levers	1	up to $\frac{7}{8}$ "	.75
104	427	S114	"	$1\frac{3}{4} \times 2\frac{1}{2}$ "	1"	12	2 Levers	1	up to $1\frac{1}{4}$ "	.80
106	410	S117	"	2 x 3	$1\frac{1}{8}$ "	12	2 Levers	1	up to $1\frac{1}{4}$ "	1.00
109	2171	S120	"	$2\frac{1}{4} \times 3\frac{1}{2}$ "	$1\frac{1}{4}$ "	12	2 Levers	1	up to $1\frac{3}{8}$ "	1.10
80	583	S82	"	$1\frac{3}{4} \times 2\frac{1}{2}$ "	$\frac{7}{8}$ "	12	4	1	up to $1\frac{3}{8}$ "	1.10
88	1977	S89	"	2 x 3	1"	12	4	1	up to $1\frac{1}{2}$ "	1.20
89	1978	S90	"	$2\frac{1}{4} \times 3\frac{1}{2}$ "	$1\frac{1}{8}$ "	12	4	1	up to $1\frac{3}{4}$ "	1.35
82	218	S84	"	$2\frac{3}{4} \times 4$ "	$1\frac{3}{8}$ "	12	4	1	up to 2"	1.50
0142P	02126 $\frac{1}{2}$	SA162	Brass	$1\frac{1}{2} \times 2$ "	$\frac{7}{8}$ "	620	3 Levers	2	up to $\frac{3}{4}$ "	1.25
0144P	6071 $\frac{1}{2}$	SA164	"	$1\frac{3}{4} \times 2\frac{1}{2}$ "	1"	620	4 Levers	2	1" and $1\frac{1}{4}$ "	1.50
0146P	6069 $\frac{1}{2}$	SA166	"	$2\frac{1}{4} \times 3\frac{1}{2}$ "	$1\frac{1}{4}$ "	1020	4 Levers	2	$1\frac{1}{4}$ " and $1\frac{1}{2}$ "	2.00
0170	03001		"	2 x 3	$1\frac{1}{8}$ "	Unlimited	5 Pins	2	$1\frac{1}{4}$ "	4.50
0172	03003		"	$2\frac{3}{8} \times 4$ "	$1\frac{1}{2}$ "	"	5 Pins	2	$1\frac{3}{4}$ "	6.00

Nos. 01 to 106, twelve in a box. Nos. 109 to 0146P, six in a box. Nos. 0170 and 0172, one in a box.

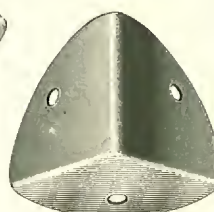
## METAL CORNERS FOR CASES AND TRUNKS

Nos. 03713 and 03713 $\frac{1}{4}$ Nos. 03709 $\frac{1}{4}$  and 3710 $\frac{1}{4}$ 

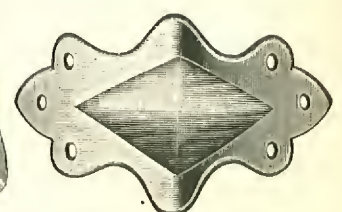
Nos. 03700 and 037015

Nos. 03707 $\frac{1}{4}$  and 03708 $\frac{1}{4}$ 

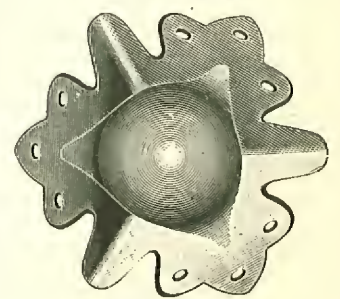
No. 03703



No. 03725

No. 3742 $\frac{1}{4}$ 

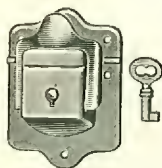
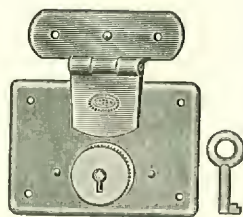
No.	Metal	Finish	Size	For	Each
03700	Brass	Dipped and Lacquered	$\frac{1}{2} \times 1\frac{1}{4}$ "	Cases	\$.10
03715	"	"	$\frac{3}{4} \times 1\frac{1}{4}$ "	"	.12
03703	"	"	$1\frac{3}{4} \times 1\frac{1}{2}$ "	"	.15
03707 $\frac{1}{4}$	"	Buffed and Lacquered	$1\frac{3}{8} \times 1\frac{3}{8}$ "	"	.15
03708 $\frac{1}{4}$	"	"	$1\frac{1}{2} \times 1\frac{1}{2}$ "	"	.15
03713 $\frac{1}{4}$	"	"	$1\frac{1}{8} \times 1\frac{1}{8}$ "	"	.15
03709 $\frac{1}{4}$	"	"	1 x 1	"	.12
3710 $\frac{1}{4}$	Steel	Brass Plated	$1\frac{1}{4} \times 1\frac{1}{4}$ "	"	.08
03710 $\frac{1}{4}$	Brass	Buffed and Lacquered	$1\frac{1}{4} \times 1\frac{1}{4}$ "	"	.15
03725	"	Dipped and Lacquered	$1\frac{1}{2} \times 1\frac{1}{2}$ "	Suit Case	.15
3742 $\frac{1}{4}$	Steel	Brass Plated	$2\frac{1}{2} \times 2$ "	Trunks	.15
3732 $\frac{1}{4}$	"	Brass Plated	2 x 2	"	.18

Nos. 3742 $\frac{1}{4}$  and 3732 $\frac{1}{4}$  36 in a box, balance 72 in a box without screws.No. 3732 $\frac{1}{4}$

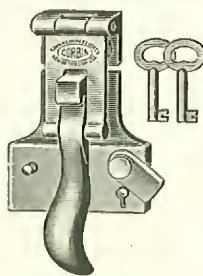


# SUIT CASE AND TOOL BOX LOCKS

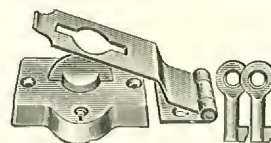
CUTS ONE THIRD SIZE

Nos. 1839, 01839  
and 01840

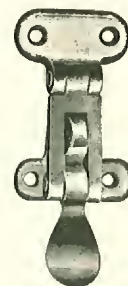
No. 1577S



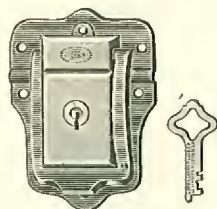
No. 1217



No. 1215



No. 588



No. 01835

## SUIT CASE LOCKS

No.	Metal	Finish	Size	Key	Each
1839	Steel	Brass Plated	2 1/2 x 1 3/4"	One Mall. Iron, Plain	\$.60
01839	Brass	Buffed and Lacquered	2 1/2 x 1 3/4"	One Polished Brass	.90
01840	Brass	Buffed and Lacquered	3 1/4 x 2 1/4"	One Mall. Iron, Br. Pltd.	1.00
*1577S	Brass	Buffed and Lacquered	3 x 2"	One Mall. Iron, Br. Pltd.	.75

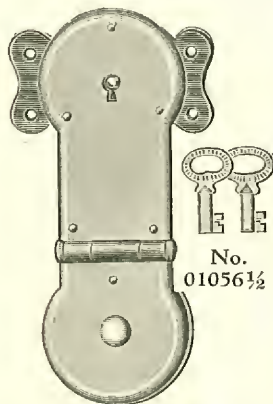
\*No. 1577S has spring catch, released when unlocked by sliding escutcheon.  
Twelve in a box without screws.

## TOOL BOX LOCKS

No.	Metal	Finish	Size	Tumblers	Key	Each
01835	Wrt. Brass	Buffed and Lacquered	3 1/4 x 2 1/4"	1	One Flat Steel—Nickel Pltd.	\$1.00
1215	Cast Brass	" " "	3 1/4 x 2"	3	Two Cast Brass, Polished	1.50
*1217	Cast Brass	" " "	3 1/8 x 2 1/4"	2	Two Solid Steel—Nickel Pltd.	2.00
588	Cast Brass	" " "	3 x 2"		Has 1 1/8" hole for padlock	*1.25

\*Can be locked without key by pressing button. Note dust guard to protect key hole.  
Twelve in a box without screws.

## TRUNK LOCKS

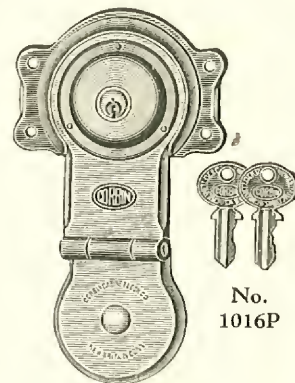
No.  
01056 1/2

No. 01056 1/2 Wrought Steel Brass Plated, size 6 1/8 x 3". 2 secure levers, 2 nickel plated wrought steel keys. Three key changes in each box of twelve. Complete with bolts, nuts and washers for attaching. Each.....\$1.00

Twelve in a box.

No. 1016P Cast Bronze, finely finished, size 6 1/2 x 3 1/4". Heavy guard cap, self locking. Pin tumbler construction, changes unlimited, no two locks alike. Two keys, complete with bolts, nuts and washers for attaching. Each.....\$5.00

Six in a box.

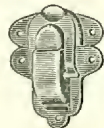
No.  
1016P

## BOX AND CASE CATCHES

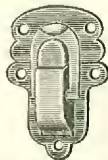
### JEWEL BOX LOCKS

Nos. X859  
and X1810

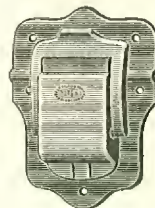
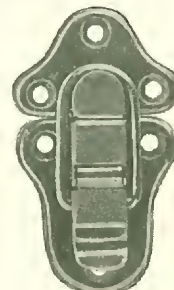
### SUIT CASE CATCHES



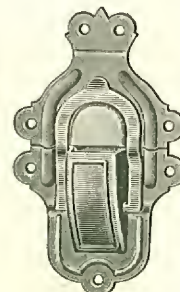
No. 01883 1/4

Nos. 1879 1/2  
and 01879 3/4

### TOOL BOX CATCHES

Nos. 1840A  
and 01840ANos. 1121  
and 1122

### TRUNK CATCH



No. 01875

### JEWEL BOX CATCHES

No.	Each
X 859 Brass Bright 5/8 x 1 1/4", Each.....	\$.10
X1810 Brass Bright 3/4 x 1 3/4", Each.....	.15

Thirty-six in a box with Brass Pins.

### SUIT CASE CATCHES

No.	Each
01883 1/4 Brass Buffed and Lacquered, 2 x 1 3/8".....	\$.20
1879 1/2 Steel Brass Plated, 2 3/8 x 1 1/2".....	.15
01879 3/4 Brass Buffed and Lacquered, 2 3/8 x 1 1/2".....	.25

Twelve in a box without screws.

No.	Each
1840A Steel, Brass Plated, 3 1/4 x 2 1/4".....	\$.35
01840A Brass Buffed and Lacquered, 3 1/4 x 2 1/4".....	.55
1121 Steel, Brass Plated, 2 3/4 x 1 1/2".....	.35
1122 Steel, Brass Plated, 3 1/4 x 1 1/8".....	.45

Twelve in a box without screws.

### TRUNK CATCHES

No.	Each
01875 Steel, Brass Plated, 4 1/2 x 2 5/8".....	\$.25

Thirty-six in a box without screws.

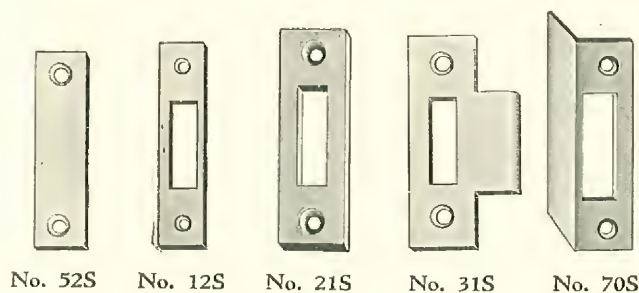


## STRIKES FOR CABINET LOCKS

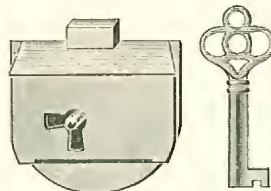
CUTS HALF SIZE

## FURNITURE LOCKS

Key holes for doors and drawers.



No. 52S    No. 12S    No. 21S    No. 31S    No. 70S



Nos. 626 $\frac{1}{2}$  and 634 $\frac{1}{2}$   
Half size cut of 626 $\frac{1}{2}$ .



No. 207  
Full size cut.

## PLAIN WROUGHT BRASS

No.	Size	Opening	Each
52S	2 x $\frac{1}{2}$ "	None	.....\$.10
12S	2 $\frac{1}{8}$ x $\frac{1}{8}$ "	$\frac{3}{8}$ x $\frac{1}{4}$ "	......10
21S	2 $\frac{1}{8}$ x $\frac{5}{8}$ "	1 $\frac{3}{8}$ x $\frac{3}{8}$ "	......15
31S	2 $\frac{1}{4}$ x 1 $\frac{3}{8}$ "	$\frac{3}{8}$ x $\frac{1}{8}$ "	......15
70S	2 $\frac{3}{8}$ x $\frac{5}{8}$ "	1 $\frac{1}{8}$ x $\frac{3}{8}$ "	......20

Twelve in a box without screws.

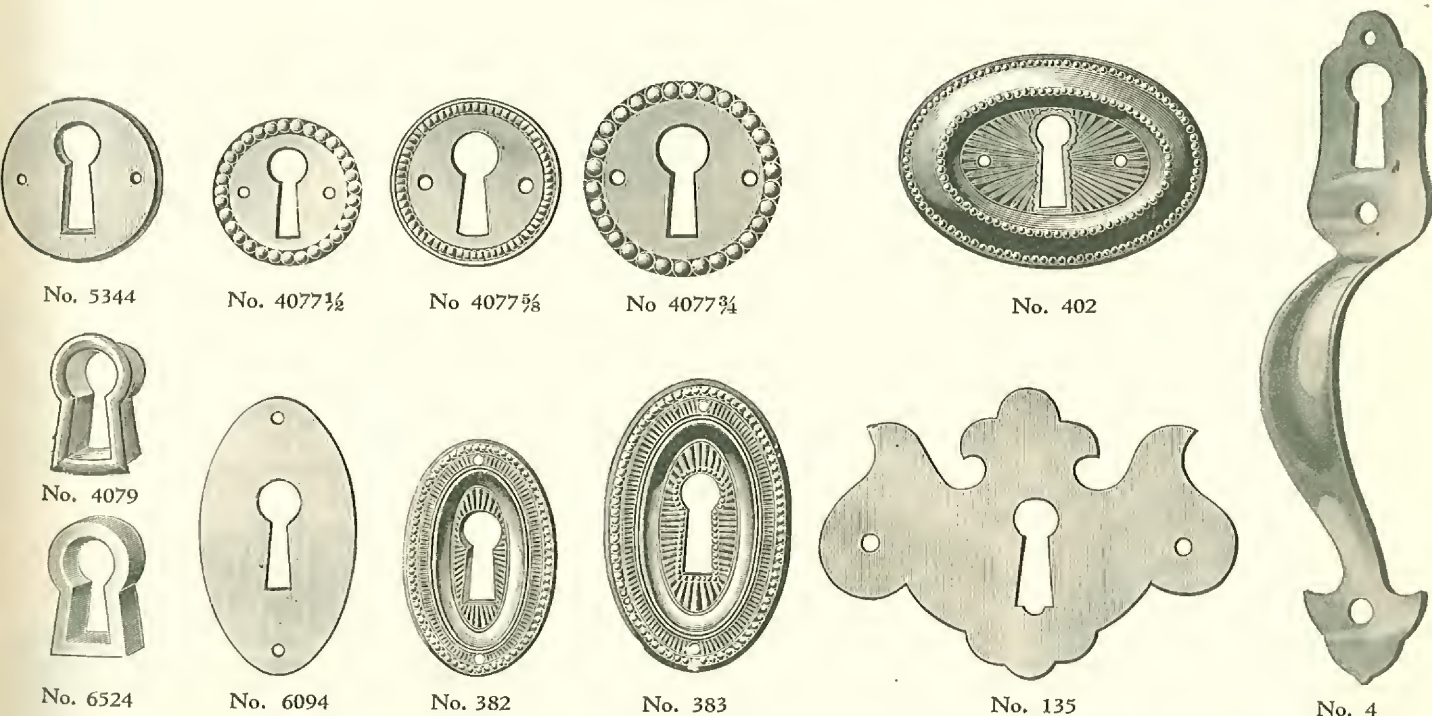
Common Machine Locks for furniture. No changes. One-Malleable Iron Key with each lock.

Corbin	Eagle	Case	Size	Backset	Each
626 $\frac{1}{2}$	1224	Steel	2x1 $\frac{1}{4}$ "	$\frac{3}{8}$ "	.....\$.20
634 $\frac{1}{2}$	1606	Steel	2x2 $\frac{1}{4}$ "	1"	......25
No. 207	Steel Case	1x1 $\frac{7}{8}$ x $\frac{3}{8}$ "	Backset $\frac{1}{8}$ "		.....\$.20
No. 406	same size as No. 207	but with brass barrel or tube and with flat steel key			.....\$.50

Twelve in a box without screws.

## BRASS KEY PLATES OR ESCUTCHEONS FOR CABINET LOCKS

CUTS FULL SIZE



No. 5344

No. 4077 $\frac{1}{2}$

No. 4077 $\frac{5}{8}$

No. 4077 $\frac{3}{4}$

No. 402

No. 4079

No. 6524

No. 6094

No. 382

No. 383

No. 135

No. 4

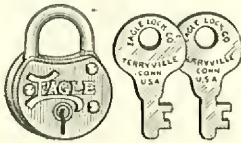
No.	Metal	Finish	Size	Package Contains	Each
5344	Wrought Brass	Polished	1 $\frac{3}{8}$ "	144	.....\$.05
4077- $\frac{1}{2}$ "	"	"	$\frac{1}{2}$ "	144	......05
4077- $\frac{5}{8}$ "	"	"	$\frac{5}{8}$ "	144	......05
4077- $\frac{3}{4}$ "	"	"	$\frac{3}{4}$ "	144	......05
402	"	"	1 $\frac{1}{8}$ x 1 $\frac{5}{8}$ "	72	......05
4079	"	"	$\frac{3}{4}$ x $\frac{3}{8}$ "	144	......03
6524	Cast Brass	Polished	$\frac{3}{4}$ x $\frac{7}{8}$ "	72	......10
6094	Wrought Brass	Dull Brass	1 $\frac{7}{8}$ x 1 $\frac{3}{8}$ "	72	......10
382	"	"	1 $\frac{1}{4}$ x $\frac{3}{4}$ "	72	......12
383	"	"	1 $\frac{1}{2}$ x $\frac{15}{8}$ "	72	......12
135	"	"	1 $\frac{1}{2}$ x 2 $\frac{1}{8}$ "	36	......20
4	"	"	3 $\frac{1}{2}$ x $\frac{5}{8}$ "	36	......15

All packed with pins.

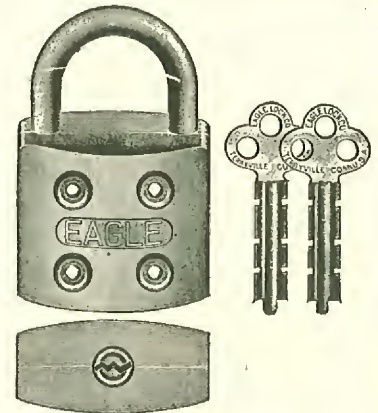


## PADLOCKS

CUTS HALF SIZE

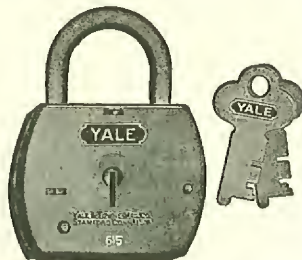
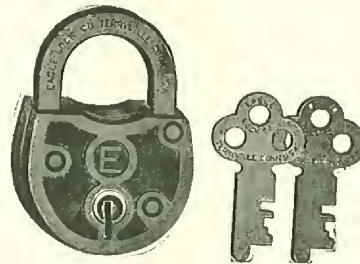


No. 4446

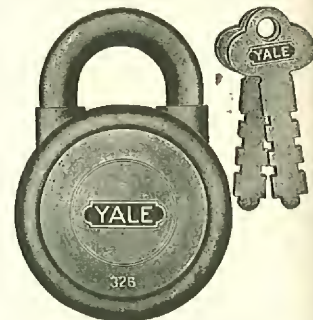
Nos. 2954  $\frac{3}{4}$  and 2803  $\frac{1}{4}$   
Half Size No. 2954  $\frac{3}{4}$ Nos. 8 and 88  
Half Size No. 8No. 4483  $\frac{1}{4}$ 

EACH LOCK HAS TWO KEYS

No.	Case	Size	Key Changes	Shackle	Each
4446	Steel, Ivory Black	1"	3	Mall. Iron Nickeled	\$ .20
2954 $\frac{3}{4}$	Steel, Brass Plated	1 $\frac{1}{2}$ "	6	" " "	.25
2803 $\frac{1}{4}$	Steel, Ivory Black	2"	12	" " "	.40
8	" " "	1 $\frac{3}{8}$ "	12	Mall. Iron Brassed	.35
88	" " "	1 $\frac{7}{8}$ "	12	" " "	.45
4483 $\frac{1}{4}$	Steel, Brass Plated	2"	4	" " "	.60

No. 4483  $\frac{1}{4}$  packed six in a box, other numbers twelve in a box.Nos. 223 and 225  
Half size No. 223Nos. 612S to 615S  
Half size No. 615S

No. 04610 1-3

Nos. 324 and 326  
Half size No. 326

Locks keyed different have two keys. Locks keyed alike have one key each.

No.	Brand	Case	Size	Shackle	Key Changes	Box Contains	Each
223	Yale	Steel, Dead Black	1 $\frac{1}{2}$ "	Steel, Brass Pltd.	6	10 Locks	\$ .60
225	"	" " "	2"	Steel, Brass Pltd.	6	5 Locks	.70
* 612S	"	" " "	1 $\frac{1}{4}$ "	Steel, Nickel Pltd.	12	10 Locks	.80
* 612V	"	Brass, Metal Dipped	1 $\frac{1}{4}$ "	Brass Dipped	12	10 Locks	1.00
* 615S	"	Steel, Dead Black	2"	Steel, Nickel Pltd.	12	5 Locks	1.00
04610 1-3	Eagle	Cast Brass	1 $\frac{3}{4}$ "	Iron, Black Nickel	6	6 Locks	.60
324	Yale	Iron, Galvanized	1 $\frac{3}{4}$ "	Steel, Galvanized	6	10 Locks	.70
326	"	Iron, Galvanized	2 $\frac{1}{4}$ "	Steel, Galvanized	6	5 Locks	.80

\*Carried in stock, keyed alike as well as keyed different.

## PADLOCK CARDS

## VX Assortment

12 Corbin Padlocks. Popular styles 2" size mounted on easel back card. Two keys with each lock. Price per card.....\$5.00

## DG Assortment

12 Corbin Padlocks. All same pattern but in 3 sizes, 4 locks, each 1  $\frac{1}{4}$ ", 1  $\frac{3}{8}$ " and 2  $\frac{1}{8}$ ". Cast Brass Case, Red Center 6 Key Changes, 2 flat steel keys with each lock. Nickel Plated Steel Shackle which springs out and swivels to side. Price per card.....\$7.50



Card VX



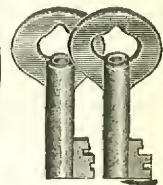
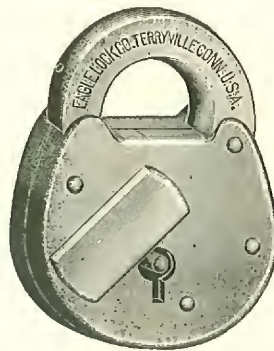
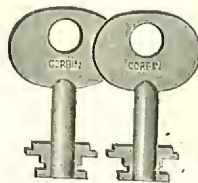
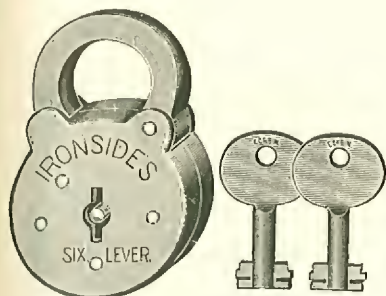
Card DG



## PADLOCKS

## CUTS HALF SIZE

These locks have brass levers and springs. Carried in stock, keyed alike as well as keyed different. Locks keyed different have two keys. Locks keyed alike have one key each.

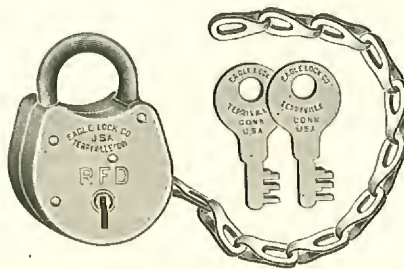
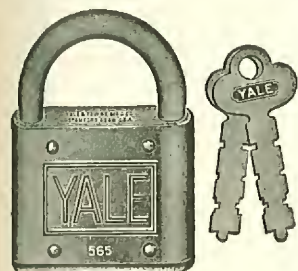


No.	Brand	Case
No. 915 $\frac{1}{4}$ G	Corbin	Steel, Galvd.
915 $\frac{1}{4}$ GC	"	"
2916 $\frac{1}{4}$ G	"	"
2916 $\frac{1}{4}$ GC	"	"
4378G	Eagle	"
4378GC	"	"

No.	Shackle	Size	Heavy Cast, without chain	Heavy Cast, with 9" chain	Heavy Cast, without chain	Heavy Cast, with 9" chain	Heavy Mall. without chain	Heavy Mall. with 9" chain
No. 2916 $\frac{1}{4}$ G		2"						
		2"						
		2 $\frac{1}{2}$ "						
		2 $\frac{1}{2}$ "						
		2 $\frac{1}{2}$ "						
		2 $\frac{1}{2}$ "						
		2 $\frac{1}{2}$ "						
		2 $\frac{1}{2}$ "						

No.	Changes	Each
No. 4378G	12	\$ .50
	12	.70
	12	1.00
	12	1.20
	12	1.40
	12	1.60

Nos. 915 $\frac{1}{4}$ G and 915 $\frac{1}{4}$ GC, twelve in a box, balance six in a box.



Nos. 563 and 565

No.	Brand	Case
563	Yale	Steel, Bowerbarffed
563V	"	Brass, Polished
565	"	Steel, Bowerbarffed
565V	"	Brass, Polished
650	Miller	Steel, Dead Black

No. 650

No.	Shackle	Size	Steel, Nick. Pltd., without chain	Brass, Polished, without chain	Steel, Nick. Pltd., without chain	Brass, Polished, without chain	Mall. Iron, Br. Pltd., without chain
No. 04233C Mkd.		1 $\frac{1}{2}$ "					
		1 $\frac{1}{2}$ "					
		2"					
		2"					
		2"					

No. 04233C Mkd.

No. 50 Mkd.

Lever	Changes	Box Contains	Each
3	48	10 Locks	\$1.60
3	48	10 Locks	1.80
3	48	5 Locks	1.90
3	48	5 Locks	2.20
4	144	6 Locks	1.25

## MASTERKEYED PADLOCKS

No.	Brand	Case	Size	Shackle	Lever	Changes	Box Contains	Each
04233C Mkd.	Eagle	Brass, Bright	1 $\frac{1}{2}$ "	Mall. Iron, Br. Pltd., with chain	2	36	12 Locks	\$ .85
50	Miller	Steel, Dead Blk.	1 $\frac{1}{2}$ "	Mall. Iron, Nick. Pltd., without chain	5	3000	6 Locks	1.20

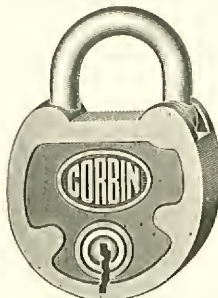
Masterkeys for No. 04233C Mkd. and No. 50 Mkd.

These locks are masterkeyed, change keys all different. No. 50 is a high grade lock suitable for lockers.



No. 125

No.	Brand	Case
125	Miller	Cast Brass
09899	Corbin	Cast Brass



No. 09899

No.	Shackle	Lever	Changes
No. 09899	Cast Brass without chain	6	12
	Cast Brass without chain	6	144

## MASTERKEYED PADLOCKS

No.	Brand	Case	Size	Shackle	Lever	Changes	Each
4199 Mkd.	Eagle	Steel Dead Blk.	2"	Mall. Iron, N. P., without chain	6	1020	\$1.15
4199C Mkd.	Eagle	Steel Dead Blk.	2"	Mall. Iron, N. P., with chain	6	1020	1.25

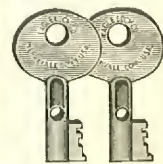
Masterkeys for No. 4199 Mkd. and 4199C Mkd.

These locks are masterkeyed, change keys all different. Very strong lock and key.

Six in a box.



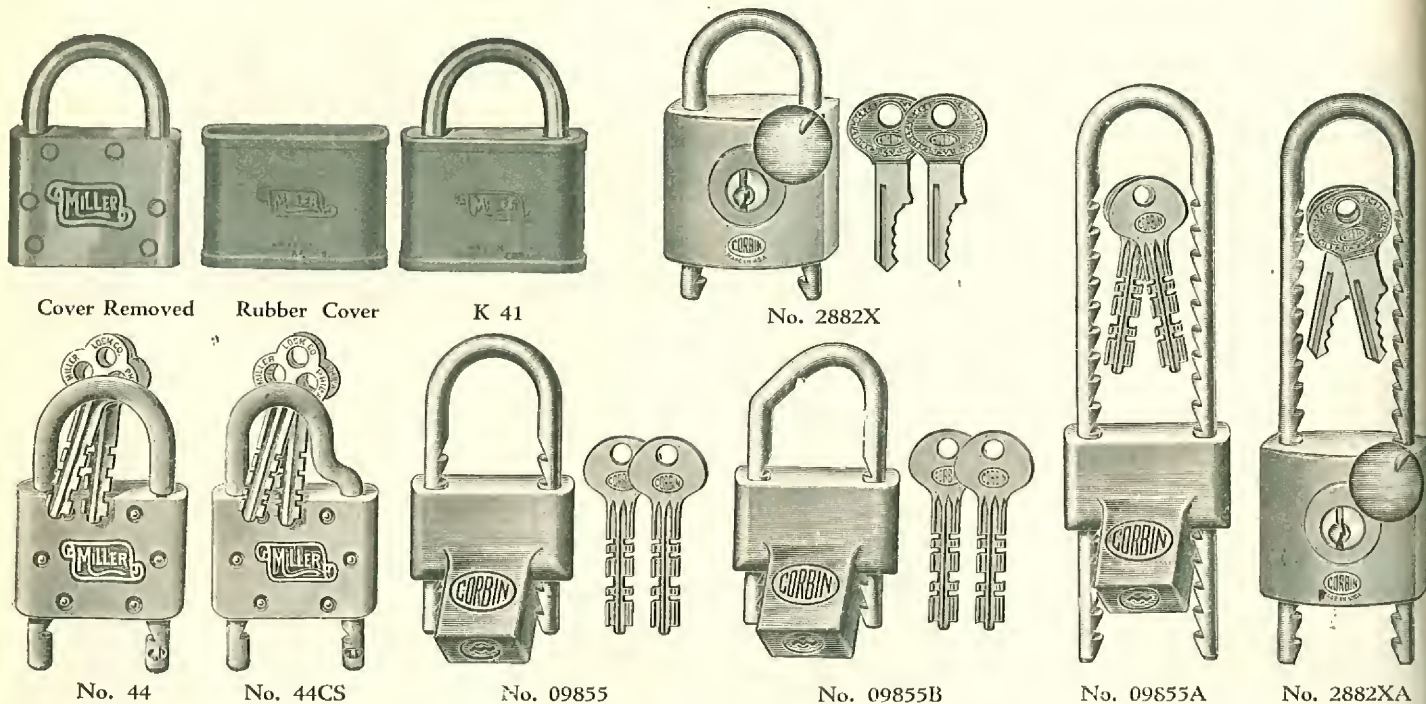
No. 4199





# AUTOMOBILE PADLOCKS

CUTS HALF SIZE



These locks have Brass Levers and springs, and two keys each. Steel Nickel Plated Shackles. Carried only in keyed different.

No.	Brand	Case	Size	Shackle	Tumblers	Changes	Each
* K41	Miller	Pol. Cast Brass	1 3/8"	Hinge Type	Warded	6	\$ .85
44	"	" " "	1 3/4"	Ratchet 1/2 to 2 "	"	16	1.00
44CS	"	" " "	1 3/4"	Ratchet 7/8 to 1 1/2"	"	16	1.25
09855	Corbin	" " "	1 3/4"	Ratchet 1/2 to 2 "	"	6	1.10
09855B	"	" " "	1 3/4"	Ratchet 3/8 to 1 7/8"	"	6	1.25
09855A	"	" " "	1 3/4"	Ratchet 1/2 to 4 3/4"	"	6	1.10
2882X	"	Pol. Forged Brass	1 3/4"	Ratchet 1/2 to 1 1/2"	5	Unlimited	2.75
2882XA	"	" " "	1 3/4"	Ratchet 1/2 to 4 1/2"	5	"	3.00

\*Case has rubber cover to prevent chafing.

Six in a box.



No. 7

## KEYLESS OR COMBINA- TION PADLOCKS

"Click" Lock, can be operated with gloved hand in the dark.



Nos. 5 and 6

No. 5—2" Japd. Steel Case with 1/8" Round Steel Regular Shackle.

Each .....\$1.25

No. 6—2" Polished Brass Case with 1/8" Round Brass Regular Shackle.

Each .....\$1.75

No. 7—2" Japd. Steel Case with 1/8" Round Steel 5" long shackle.

Each .....\$1.50

Six in a box.



No. 0971  
No. 02915 is smaller

## DOG COLLAR PADLOCKS



No. 2876

No. 02915 Polished Wrought Brass Case 3/8" Spring Shackle, Brass Key. Each.....\$30

No. 0971 Polished Wrought Brass Case 7/8" Spring Shackle, Brass Key. Each.....\$45

No. 2876 Polished Forged Brass Case 3/4" Spring Shackle, 4 wards, 36 changes, 2 flat steel keys. Each.....\$80

Twelve in a box.

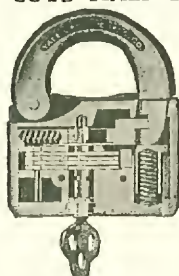


## HIGH GRADE PADLOCKS

CUTS HALF SIZE



Nos. 813 to 853  
Half Size cut of No. 833



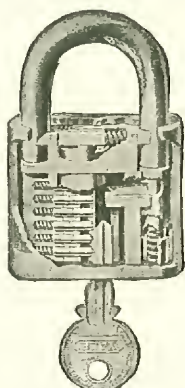
Cut open view  
of No. 833



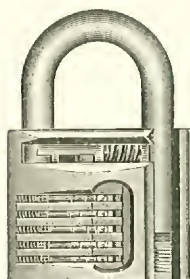
No. 726



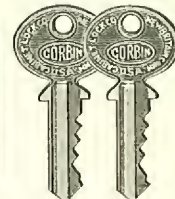
Nos. 840 and 850  
Half size cut of  
No. 840



Cut open view  
No. 840



Cut open view  
No. 2883



Nos. 2879 to 2883  
Half size cut of No. 2883

## YALE "STANDARD" LEVER TUMBLER PADLOCKS

Carried in stock, keyed different and without chain.

No.	Case	Size	Shackle	Tumblers	Changes	Each
813	Polished Cast Bronze	1"	Cast Bronze	3	48	\$2.00
823	" " "	1 1/4"	" "	3	48	2.25
833	" " "	1 1/2"	" "	3	48	2.50
843	" " "	1 3/4"	" "	4	72	2.75
853	" " "	2"	" "	4	144	3.00

Five in a box.

## YALE PIN TUMBLER PADLOCKS

Carried in stock, keyed different and keyed alike. On special order and at extra price can be furnished masterkeyed.

No.	Case	Size	Shackle	Tumblers	Changes	Each
840	Polished Cast Bronze	1 3/4"	Steel, Nickel Plated	5 Pins	Unlimited	\$3.25
850	" " "	2"	Steel, Nickel Plated	5 Pins	"	3.75
840 1/2	" " "	1 3/4"	Steel, Nickel Plated, with 9" chain	5 Pins	"	3.50
850 1/2	" " "	2"	Steel, Nickel Plated, with 9" chain	5 Pins	"	4.00

Five in a box.

## YALE PIN TUMBLER PADLOCK—"Hermetic" Model

Carried in stock, keyed different and keyed alike.

No.	Case	Size	Shackle	Tumblers	Changes	Each
726	Cast Iron Bower Barffed. Steel Discs Galvanized.	2 1/4"	Steel Galvanized	4 Pins	3000	\$2.00

Five in a box.

## CORBIN PIN TUMBLER PADLOCKS—Extruded Metal

Carried in stock, keyed different and keyed alike. On special order and at extra price can be furnished masterkeyed, except No. 2879.

No.	Case	Size	Shackle	Tumblers	Changes	Each
2879	Polished Forged Brass	1"	3/16" Round Brass	4	600	\$1.75
2880	" " "	1 3/8"	1/4" Round Brass	4	3000	2.00
2881	" " "	1 1/2"	5/16" Round Brass	5	Unlimited	2.35
2882A	" " "	1 3/4"	3/8" Round Steel N. P.	5	"	2.75
2883A	" " "	2"	1/2" Round Steel N. P.	5	"	3.25
2880C	" " "	1 3/8"	1/4" Round Brass N. P.	4	3000	2.25
2882AC	" " "	1 3/4"	5/16" Round Steel N. P.	5	Unlimited	3.00

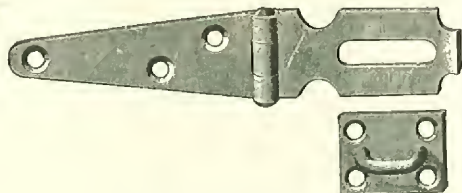
One in a box.



## HASPS

CUTS REDUCED SIZE

## HINGE HASPS



Nos. 813 and SC 813

PLAIN WROUGHT STEEL

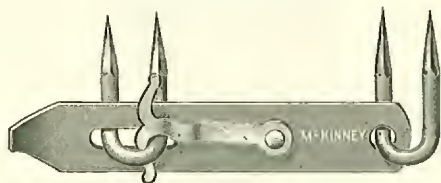
Length is from center of pin to end of strap.

No. 813 Bulk without screws, two in a bundle.

Length	3"	4 1/2"	6"	8"	12"
Each	\$ .12	\$ .15	\$ .20	\$ .25	\$ .65

No. SC813 one in a box with screws.

Length	3"	4 1/2"	6"	8"
Each	\$ .15	\$ .18	\$ .25	\$ .30

HASPS AND STAPLES WITH  
DOUBLE HOOKS

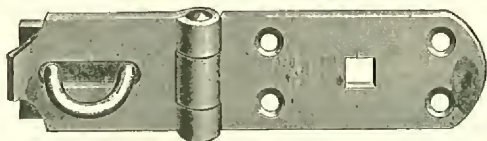
No. 856

PLAIN WROUGHT STEEL

No. 856	Length overall	Each
6" with 2" Staples		\$ .08
8" with 2 1/2" Staples		.10

Twelve in a box with staples.

## EXTRA HEAVY HINGE HASPS



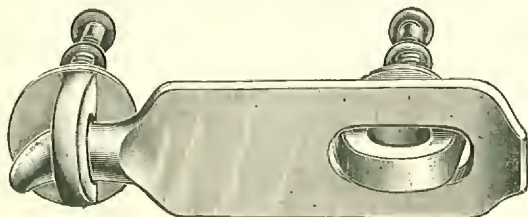
Nos. 1812 and 4812 BR

WROUGHT STEEL

No.	Size overall	Finish	Each
1812	7 1/2 x 1 3/4"	Japanned with Steel Pin	\$ .75
	10 x 2 1/8"	Japanned with Steel Pin	.90
4812BR	7 1/2 x 1 3/4"	Galvanized with Brass Pin	.90
	10 x 2 1/8"	Galvanized with Brass Pin	1.25

7 1/2" six in a box, 10" three in a box with screws.

## LOOSE STORE DOOR HASPS



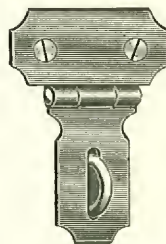
No. 8700

Polished Cast Bronze, Heavy Loose Hasp, stationary staples. Staples are fastened with machine screws from inside. Adjustable for doors 1 3/4" to 2 1/2" thick.

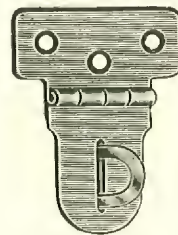
No. 8700—5 1/2" long over all, Each.....\$2.00

Three in a box.

## BASKET OR BOX HASPS



No. 345A



No. X858

No. 345A Wrt. Steel, Bronze Plated, Size over all 2x1 3/8".  
Each .....\$ .20

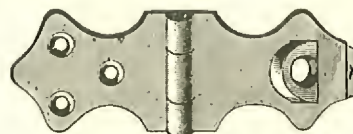
Twelve in a box with screws.

No. X858 Wrt. Brass, Polished. Size over all 2 1/4 x 1 3/4".  
Each .....\$ .30

Thirty-six in a box with screws.

BRASS HASPS FOR SMALL DOORS  
AND BOXES

No. X804



No. X875

No. X804 Wrt. Brass Polished. Size over all 2 3/4 x 3/4".  
Each .....\$ .25

Thirty-six in a box with screws.

No. X875 Cast Brass, Polished. Size over all 3 1/2 x 1 1/4".  
Each .....\$ .75

Twelve in a box with screws.

## BRASS HASPS WITH HOOKS



No. X840



No. X845

No. X840 Wrought Brass Polished. Size over all 3 x 3/4".  
Each .....\$ .30

No. X845 Wrought Brass Polished. Size over all 4 1/2 x 1 1/4".  
Can be used with or without padlock. Each.....\$ .55

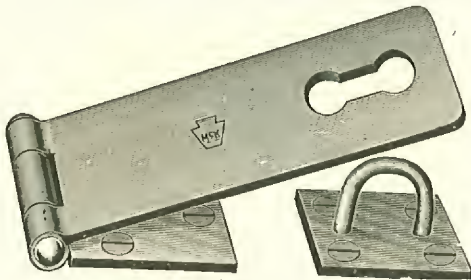
Twelve in a box with screws.



## SAFETY HASPS

CUTS REDUCED SIZE

## SINGLE HINGE SAFETY HASPS



Nos. SC820, SC1820 and SC4820 BR

## WROUGHT STEEL

Length is from center of pin to end of strap.

## No. SC820 Plain Steel

Size	3x1 1/2"	4 1/2 x 1 1/2"	6x1 7/8"
Each	\$.20	\$.25	\$.35

## No. SC1820 Japanned Steel

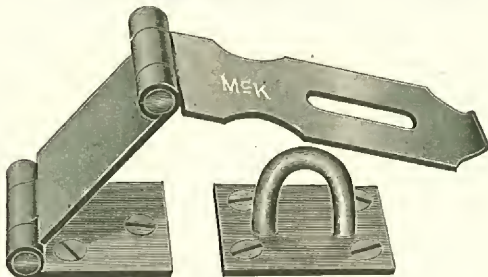
Size	3x1 1/2"	4 1/2 x 1 1/2"	6x1 7/8"	7x2 1/2"
Each	\$.25	\$.30	\$.40	\$.70

## No. SC4820 BR Galvanized with Brass Pin

Size	4 1/2 x 1 1/2"	6x1 7/8"	7x2 1/2"
Each	\$.45	\$.65	\$1.25

One in a box with screws.

## DOUBLE HINGE SAFETY HASPS



Nos. 1831 and 4831

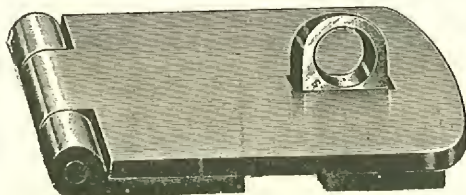
## WROUGHT STEEL

Length given does not include end taking screws.

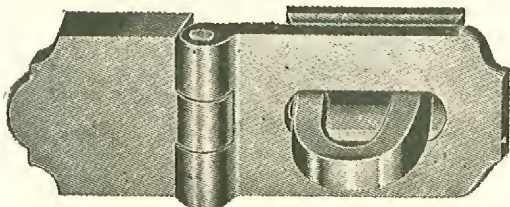
No.	4 1/2 x 1 1/8"	6x1 3/8"
1831 Japanned, Each	\$.40	\$.50
4831 Galvanized, Each	.60	.75

One in a box with screws.

## STORE DOOR SAFETY HASPS



No. X880



No. X1806

## POLISHED CAST BRONZE, HEAVY

No. X 880—4 3/8 x 1 3/8"	Each	\$2.25
X1806—5 x 1 5/8"	Each	2.50

Six in a box with screws.

## LIGHT SAFETY HASPS



No. X895, X893 and X894

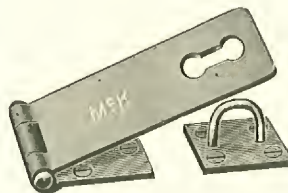
Note: No. X895 has square end.

## POLISHED WROUGHT BRASS

No. X895—1 1/4 x 5/8"	Each	\$.20
X893—2 1/8 x 3/4"	Each	.25
X894—3 x 7/8"	Each	.40

No. X895, thirty-six in a box.

Nos. X893 and X894, twelve in a box with screws.



No. SC2820

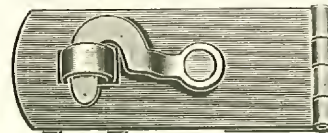


Nos. 2826, X844 and X891

No. 2826—2 1/2 x 7/8"	Bronze Plated Steel, Each	\$.20
SC2820—4 1/2 x 1 1/2"	Bronze Plated Steel, Each	.40
X844—3 x 7/8"	Polished Wrought Brass, Each	.50
X891—3 x 1"	Polished Cast Brass, Each	.65

No. SC2820, one in a box, others twelve in a box.

## BRASS SAFETY HASP WITH HOOK



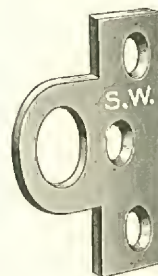
No. X845 Safety

No. X845 Safety, Polished Wrought Brass. Size 3 1/4 x 1 1/4".

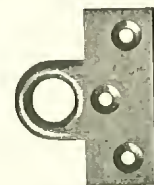
Can be used with or without a padlock. Each \$1.45

Twelve in a box with screws.

## PADLOCK EYES



No. 1245Z—1, 2, 3



No. 8850SC

No. 8851SC

## No. 1245Z Wrought Steel—Galvd.

	Size Plate	Size Hole	Per Pair
Size 1	1 5/8 x 1 1/8"	1/2 x 1/8"	\$.20
Size 2	2 1/8 x 1 7/8"	3/4 x 3/8"	.25
Size 3	2 3/4 x 2 1/8"	1 1/8 x 3/4"	.35

Twelve pairs in a box with screws.

## CAST BRASS

	Size Plate	Size Hole	Per Pair
No. 8850SC	1 3/4 x 1 1/2"	1/2" Round	\$.55
8851SC	2 1/4 x 2"	3/8" Round	.70

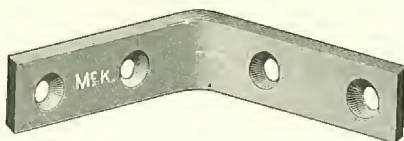
Six pairs in a box with screws.



# CORNERS

CUTS REDUCED SIZE

## INSIDE CORNERS



No. 939

Countersunk screw holes inside.  
PLAIN WROUGHT STEEL

Size	Number of Screw Holes	For Screw Size	Each
1 x1 x 1/2"	2	No. 7	\$.02
1 1/2 x1 1/2 x 1/2"	4	7	.03
2 x2 x 3/8"	4	8	.04
2 1/2 x2 1/2 x 5/8"	4	8	.05
3 x3 x 3/4"	4	9	.06
3 1/2 x3 1/2 x 3/4"	4	9	.07
4 x4 x 7/8"	4	10	.08
5 x5 x1"	6	11	.10
6 x6 x1 1/8"	6	12	.12
8 x8 x1 1/8"	8	12	.18

Sizes 1" to 3 1/2" twenty four in a box.

Sizes 4" to 6" twelve in a box.

Size 8" six in a box. All without screws.

## OUTSIDE CORNERS

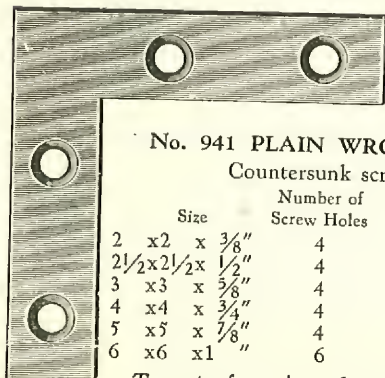


No. 940

Countersunk holes outside.  
PLAIN WROUGHT STEEL

Size	Number of Screw Holes	For Screw Size	Each
4 1/2 x4 1/2 x 3/4"	4	No. 9	\$.07
4 1/2 x4 1/2 x1"	4	9	.08
4 1/2 x4 1/2 x1 1/4"	8	9	.09
4 1/2 x4 1/2 x1 1/2"	8	9	.10

Twenty-four in a box without screws.



No. 941

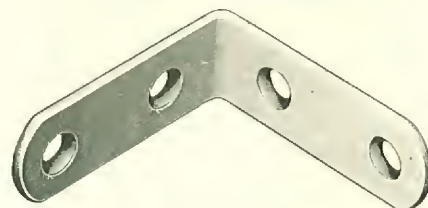
No. 941 PLAIN WROUGHT STEEL

Countersunk screw holes.

Size	Number of Screw Holes	For Screw Size	Each
2 x2 x 3/8"	4	No. 5	\$.03
2 1/2 x2 1/2 x 1/2"	4	6	.04
3 x3 x 5/8"	4	8	.05
4 x4 x 3/4"	4	8	.06
5 x5 x 7/8"	4	8	.08
6 x6 x1"	6	8	.09

Twenty-four in a box without screws.

## INSIDE CORNERS



No. 998C

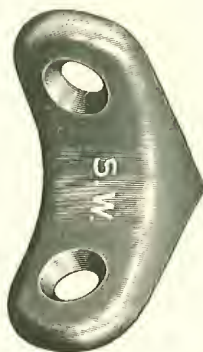
Countersunk screw holes inside.

BRASS PLATED WROUGHT STEEL

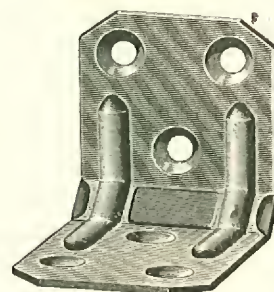
Size	Number of Screw Holes	For Screw Size	Each
3/4 x 3/4 x 1/2"	2	No. 5	\$.04
1 x1 x 1/2"	2	5	.05
1 1/2 x1 1/2 x 3/4"	4	8	.06
2 x2 x 1/2"	4	5	.06
2 1/2 x2 1/2 x 1/2"	4	5	.07
3 x3 x 3/4"	4	8	.09

Twenty-four in a box without screws.

## CORNER BRACES



No. 996 1/2



No. 997 1/2

Countersunk screw holes

PRESSED STEEL, COPPER DIPPED

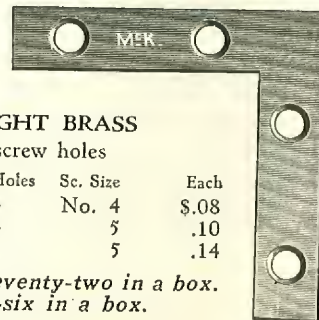
Size	For Screw Size	Each
No. 996 1/2 D 1x1"	No. 8	\$.06
2x2"	9	.07

PRESSED STEEL, PLAIN UNFINISHED

Size	For Screw Size	Each
No. 997 1/2 1 5/8 x1 5/8 x1 1/2"	No. 8	\$.06
2 1/4 x2 1/4 x1 3/4"	10	.07

Twenty-four in a box without screws.

## FLAT CORNERS

Nos. 03614  
to 03631

PLAIN WROUGHT BRASS

Countersunk screw holes

No.	Size	Sc. Holes	Sc. Size	Each
03614	2 x1 1/2"	4	No. 4	\$.08
03615	2 1/2 x3/8"	4	5	.10
03631	2 1/2 x3/4"	6	5	.14

Nos. 03614 and 03615 seventy-two in a box.

No. 03631 thirty-six in a box.

Without screws.



## CUTS REDUCED SIZE

## MENDING PLATES



No. 942

## PLAIN WROUGHT STEEL

Size	Number of Screw Holes	For Sc. Size	Each
2x 5/8"	2	No. 7	\$.04
3x 3/4"	4	7	.05
4x 7/8"	4	8	.06
5x1 "	4	8	.07
6x1 1/8"	4	9	.08
8x1 1/4"	6	10	.10

Twenty-four in a box, without screws.

## MENDING PLATES



Nos. 03503 to 03543 and 998 1/2 C

## PLAIN WROUGHT BRASS

Countersunk screw holes.

No.	Size	Number of Screw Holes	For Screw Size	Each
03503	2x1 1/2"	2	No. 4	\$.05
03504	3x 1 1/2"	4	4	.07
03542	4x 3/4"	4	5	.15
03543	5x1 "	4	5	.20

Nos. 03503 and 03504 seventy-two in a box.

Nos. 03542 and 03543 thirty-six in a box.

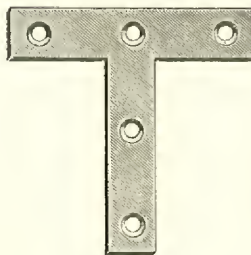
Without screws.

## BRASS PLATED WROUGHT STEEL

No.	Size	Number of Screw Holes	For Screw Size	Each
998 1/2 C	4x 7/8"	4	No. 7	\$.10
	6x1 1/8"	4	8	.12

Twenty-four in a box without screws.

## "T" PLATES



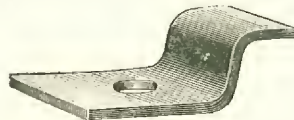
No. 995 1/2

## PLAIN WROUGHT STEEL

All sizes have five countersunk screw holes.

Size	Screw	Size	Each
3x3x 5/8"	No. 8		\$.12
4x4x 3/4"	8		.14
5x5x1 "	9		.20
6x6x1 1/8"	9		.30
6x6, 12 in a box. Other sizes 24			
in a box, without screws.			

6x6, 12 in a box. Other sizes 24 in a box, without screws.

PANEL IRONS OR  
TABLE TOP FASTENERS

No. 15411 Full size cut

No. 15411 Panel Iron, Plain Steel,  
5/8" wide, 1 1/2" long, one screw hole.  
Price per 100.....\$.80  
500 in a box without screws.

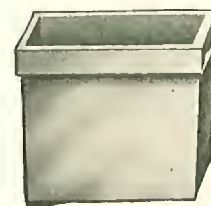
## SCREEN DOOR BRACES



No.	Size	Each
0532	17" Brass Pltd.	\$.20
0533	42" Brass Pltd.	.25
533	18" Brass Pltd.	.20

Note: No. 533 is a single rod without  
turnbuckle and is adjusted by nut on  
one end.

Twelve in a box.

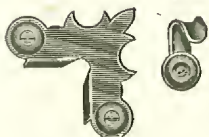
TABLE LEG SOCKETS  
OR SHOES

Plain Square  
Tapered Pat-  
tern Finishes:  
Dead Black,  
Antique Cop-  
per, Dull  
Brass, Porc.  
Enamel. Not  
carried in  
stock.

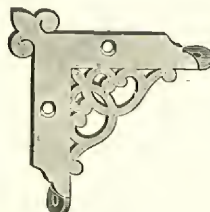
Size given is inside dimension at top.  
Bottom is smaller.

Size	Height	Price on application. State quan- tity, size and finish.
1 3/8 x 1 3/8"	2 7/8"	
1 3/4 x 1 3/4"	2 7/8"	
2 x 2 "	2 7/8"	
2 1/4 x 2 1/4"	3 "	
2 7/8 x 2 7/8"	3 1/8"	
2 3/4 x 2 3/4"	3 1/8"	
3 1/8 x 3 1/8"	3 3/8"	

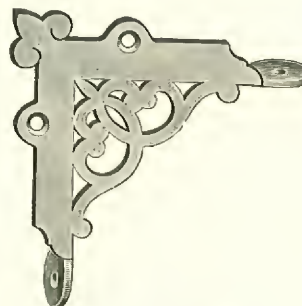
## SCREEN CORNERS OR BRACKETS



No. 28



No. 120



No. 140 Corner



No. 140 Center

Set No.	For	Size	Wrt.	Per Set
28	Window Screens	2 1/8 x 2 1/8"	Steel Japanned. Four corners and one lift.....	\$.20
120	Window Screens	3 1/4 x 3 1/4"	Cast Iron, Brown Lacquered. Four corners, no lift.....	.35
140	Screen Doors	4 1/2 x 4 1/2"	Cast Iron, Brown Lacquered. Four corners and two centers 5 3/8 x 3 3/4".....	.75

Nos. 28 and 120, six sets in a box. No. 140, three sets in a box.



## DOOR PULLS

CUTS REDUCED SIZE

No. 534½		Nos. 580 and 582		Nos. 250 and 251		No. 482-3		No. 2327		Nos. 2318S, 249 and 255		Nos. 6 and 6G		No. 1255-4		No. 1265	
No.	Extreme Height	Finish	Metal	Description	For	Box Contains	Each	No.	Extreme Height	Finish	Metal	Description	For	Box Contains	Each	No.	Extreme Height
534½	4½"	Brass Plated	Steel Wire	Flattened Grip	Screen Doors	72	.....\$ .05	2318S	6½"	Anti. Copper	Pressed Steel	Closed Back	" "	36	.....\$ .08	1265	6"
580	5"	Dull Brass	" "	Closed Back	" "	36	.....\$ .08	249	6"	" "	" "	Solid Back	Light Doors	12	.....\$ .25	1265Z	10½"
582	5"	" "	" "	" "	" "	36	.....\$ .08	255	6"	" "	" "	" "	" "	12	.....\$ .30		
250 OB	3½"	" "	Cast Brass	" "	" "	12	.....\$ .45	2327 N	5½"	Japanned	Pressed Steel	Closed Back	Medium Doors	12	.....\$ .20		
251 OB	4½"	" "	" "	" "	" "	12	.....\$ .25	6	6"	Anti. Copper	" "	" "	" "	12	.....\$ .25		
2318S OB	4½"	" "	" "	" "	" "	12	.....\$ .30	6G	6"	Dull Brass	" "	" "	" "	12	.....\$ .25		
482-3J	6½"	Japanned	" "	" "	" "	12	.....\$ .45	1255-4J	8⅞"	" "	Cast Brass	Hollow Back	" "	12	.....\$ .60		
482-3 AC	6½"	Anti. Copper	Pressed Steel	Closed Back	Medium Doors	12	.....\$ .20	1265J	10½"	Nickel Pltd.	" "	Solid Back	" "	12	.....\$ .70		
482-3 OB	6½"	Dull Brass	" "	" "	" "	12	.....\$ .25	1265Z	10½"	Japanned	Cast Iron	Round Bar	Toilet Doors	12	.....\$ .60		
249 OB	6"	" "	Cast Brass	" "	" "	12	.....\$ .25			Galvanized	Cast Iron	Flat Grip	Garage Doors	12	.....\$ .20		
255 OB	6"	" "	" "	" "	" "	12	.....\$ .60			Japanned	Cast Iron	Flat Grip	" "	12	.....\$ .30		
2327 N	5½"	Nickel Pltd.	" "	" "	" "	12	.....\$ .40			" "	Wrought Steel	Curved Back	" "	12	.....\$ .40		
6	6"	Japanned	" "	" "	" "	12	.....\$ .60			" "	" "	Rolled Edges	Heavy Doors	6	.....\$ .60		
6G	6"	Galvanized	" "	" "	" "	6	.....\$ .70			" "	" "	" "	" "	6	.....\$ .70		

All above with screws to match except No. 6. No. 6G has screws.

## FLUSH DOOR PULLS FOR SLIDING DOORS

Nos. 2250S and 2251S		*Nos. 432¼ and 1432¼ Benton		Nos. P447 and P1447		No. 1		No. 15		No. 457	
No.	Size	Finish	Metal	For	Box Contains	Each	No.	Size	Finish	Metal	For
2250S	3½x1½"	Anti. Copper	Wrought Bronze	Show Case Doors	24	.....\$ .15	432¼	6 x 2½"	Anti. Copper	Wrought Brass	Show Case Doors
2251S	3½x1½"	Dull Brass	Wrought Brass	" "	24	.....\$ .15	1432¼	6 x 2½"	Anti. Copper	Wrought Steel	House Doors
432¼ Ben. AC	6 x 2½"	Dull Brass	" "	" "	4	.....\$ .30		6 x 2½"	Dull Brass	" "	" "
432¼ Ben. OB	6 x 2½"	Dull Brass	" "	" "	4	.....\$ .30		6 x 2½"	Anti. Copper	Cast Iron	" "
1432¼ Ben. OB	6 x 2½"	Dull Brass	" "	" "	4	.....\$ .70		6 x 2½"	Dull Brass	" "	" "
P 447 AC	4¾x1"	Dull Brass	Cast Brass	" "	6	.....\$ .65		4¾x1"	Japanned	Cast Iron	Garage Doors
P 447 OB	4¾x1"	Dull Brass	" "	" "	6	.....\$ .65		4¾x1"	" "	" "	" "
P1447 OB	4¾x1"	Dull Brass	" "	" "	6	.....\$ .65		4¾x1"	" "	" "	" "
1	3½x2½"	" "	" "	" "	12	.....\$ .15		3½x2½"	" "	" "	" "
15	4⅞x3⅞"	" "	" "	" "	12	.....\$ .40		4⅞x3⅞"	" "	" "	" "
457	7¼x3¼"	" "	" "	" "	2	.....\$ .40		7¼x3¼"	" "	" "	" "

Japanned Pulls without screws. Other numbers with screws.



## DOOR PULLS

## CUTS REDUCED SIZE

With 2" Base, 7 $\frac{1}{2}$ " over all. Wood screw attachment.

No.	Metal	Finish	Each
L1234	Cast Bronze	Polished Bronze.....	\$1.75
L1250	" "	Antique Copper.....	1.75
L1242	" "	Polished Nickel.....	1.90
L1251	Cast Brass	Dull Brass.....	1.75
L1283 $\frac{1}{2}$	" "	Sand Old Brass.....	1.90
L1246	Cast Iron	Bower Barff.....	1.25

Six in a box with screws.

With 2" Base, 7 $\frac{1}{2}$ " over all. Distance between centers of lugs 6 $\frac{1}{4}$ ". Furnished with machine screws to go through door and with nuts to fasten Pull to plate if desired.

No.	Metal	Finish	Each
7734	Cast Bronze	Polished Bronze.....	\$2.00
7742	" "	Polished Nickel.....	2.15
7722	" "	Dull Nickel.....	2.15
7751	Cast Brass	Dull Brass.....	2.00
7783 $\frac{1}{2}$	" "	Sand Old Brass.....	2.15
7746	Cast Iron	Bower Barff.....	1.50

Six in a box with machine screws and nuts.

With 1 $\frac{1}{8}$ " Base, 6 $\frac{3}{8}$ " over all. Distance between centers of lugs, 5 $\frac{1}{2}$ ". Furnished with Machine Screws to go through door and with nuts to fasten Pull to Plate if desired.

No.	Metal	Finish	Each
07734	Cast Bronze	Polished Bronze.....	\$2.00
07750	" "	Antique Copper.....	2.00
07742	" "	Polished Nickel.....	2.15
07751	Cast Brass	Dull Brass.....	2.00
07783 $\frac{1}{2}$	" "	Sand Old Brass.....	2.15
07746	Cast Iron	Bower Barff.....	1.50

Six in a box with machine screws and nuts.

With 1 $\frac{7}{8}$ " Base, 10" over all. Distance between centers of lugs 7 $\frac{3}{4}$ ". Furnished with Machine Screws to go through door, and with nuts to fasten Pull to plate if desired. Not carried in stock.

No.	Metal	Finish	Each
7934	Cast Bronze	Polished Bronze.....	\$4.50
7951	Cast Brass	Dull Brass.....	4.50
7983 $\frac{1}{2}$	" "	Sand Old Brass.....	4.90
7948	Cast Iron	Bower Barff.....	4.50

Six in a box with machine screws and nuts.

## DOOR PULLS ON PLATES

## WROUGHT BRASS PLATE, CAST BRASS PULL

The word PULL is embossed on the plate.

No.	Finish	Size Plate	Length Pull	Each
03345	Antique Copper	10 x3 "	5 $\frac{1}{2}$ "	\$1.75
03347	Dull Brass	10 x3 "	5 $\frac{1}{2}$ "	1.75
03355	Sand Old Brass	10 x3 "	5 $\frac{1}{2}$ "	1.90
03367	Dull Brass	12 x3 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	2.35
03375	Sand Anti. Brass	12 x3 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	2.50

Two in a box with screws.

## CAST BRONZE PLATE—CAST BRONZE PULL

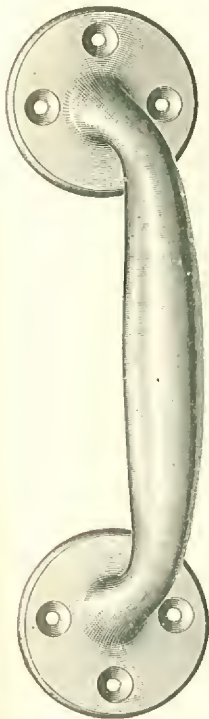
The word PULL is cast in, raised letters on the plate.

No.	Finish	Size Plate	Length Pull	Each
2365 Benton				
12x3 " PB	Polished Bronze	6 $\frac{1}{4}$ "		\$5.00
12x3 " OB	Dull Brass	6 $\frac{1}{4}$ "		5.00
12x3 " OBS	Sand Old Brass	6 $\frac{1}{4}$ "		5.50
12x3 " N	Polished Nickel	6 $\frac{1}{4}$ "		5.50
12x3 " BB	Bower Barff	6 $\frac{1}{4}$ "		3.50
16x3 $\frac{1}{2}$ " PB	Polished Bronze	7 "		6.50
16x3 $\frac{1}{2}$ " OB	Dull Brass	7 "		6.50
16x3 $\frac{1}{2}$ " OBS	Sand Old Brass	7 "		7.00

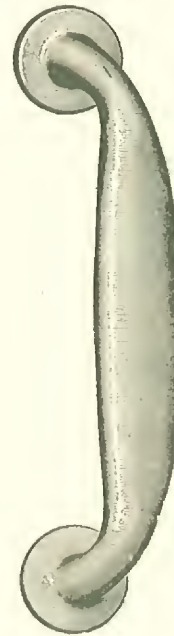
## CAST IRON

16x3 $\frac{1}{2}$ " BB	Bower Barff	7 "	4.50
-------------------------	-------------	-----	------

Two in a box with screws.



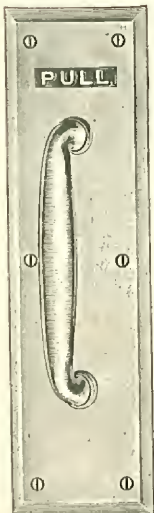
Nos. L1234  
to L1283 $\frac{1}{2}$



Nos. 07734  
to 07783 $\frac{1}{2}$



Nos. 7722  
to 7783 $\frac{1}{2}$



Nos. 03345  
to 03375



No. 2365  
Benton



## PUSH PLATES

CUTS REDUCED SIZE

## WIDE BEVEL

Specify Number and Finish

## WROUGHT STEEL

No. 276 $\frac{1}{4}$  Benton 10x3"

AC Antique Copper Finish.....	Each
OB Dull Brass Finish.....	\$ .35
OBS Sand Old Brass Finish.....	.35
BB Bower Barff Finish.....	.40
	.70

No. 476 $\frac{1}{4}$  Benton 14 $\frac{1}{2}$ x3"

AC Antique Copper Finish.....	\$ .50
OB Dull Brass Finish.....	.50
OBS Sand Old Brass Finish.....	.55
BB Bower Barff Finish.....	.90



Benton

## WROUGHT BRONZE

No. 2276 $\frac{1}{4}$  Benton 10x3"

AC Antique Copper Finish.....	\$ .75
OB Dull Brass Finish.....	.75
OBS Sand Old Brass Finish.....	.85
N Polished Nickel Finish.....	.85

No. 2476 $\frac{1}{4}$  Benton 14 $\frac{1}{2}$ x3"

AC Antique Copper Finish.....	\$1.25
OB Dull Brass Finish.....	1.25
OBS Sand Old Brass Finish.....	1.40
N Polished Nickel Finish.....	1.40

Six in a box with screws.

## Beveled Edge

## SOLID ROLLED

16 Gauge Bronze or Brass.

Order by name, "Solid Rolled Push Plates," and state size and finish.

Finish	12x3"	16x3 $\frac{1}{2}$ "	20x4"
PB Polished Bronze.....	\$1.00	\$1.50	
AC Antique Copper.....	1.00	1.50	
OB Dull Brass.....	1.00	1.50	\$2.25
OBS Sand Old Brass.....	1.10	1.65	2.50
N Polished Nickel.....	1.10	1.65	
BB Bower Barff (Steel).....	1.00	1.50	

Packed as ordered with screws.

These plates are suitable for use with heavy door pulls shown on page 89. A charge of 40c per plate is made for boring for door pulls or for cutting hole for cylinder of dead lock. Send sketch showing location of holes in plates to be bored.

## PLATE GLASS

## Beveled Edge

## Clear Glass

12x3 "	Each
15x3 $\frac{1}{2}$ "	\$ .60
	1.00

## Opal or Milk White Glass

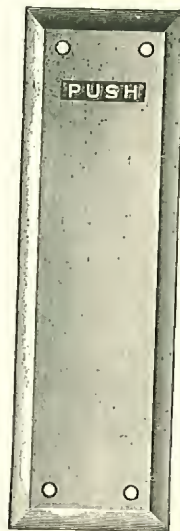
12x3 "	\$1.00
15x3 $\frac{1}{2}$ "	1.50

Two glass plates in a heavy corrugated paper box with two screws and rubber washers for each plate.

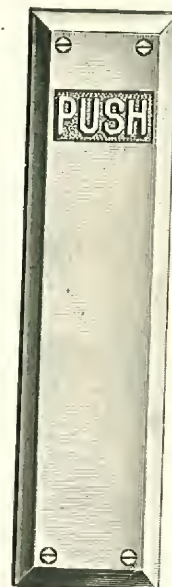


Glass Push Plate

## LETTERED PUSH PLATES



Nos. 03281 and 03287



No. 2376 Benton

WROUGHT BRASS 12x3 $\frac{1}{2}$ "

No. 03281 OB Dull Brass Finish.....	Each
03287 OBS Sand Old Brass.....	\$ .90
	1.00

Six in a box with screws.

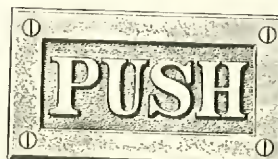
## CAST BRASS

No. 2376 Benton OB 12x3 " Dull Brass.....	\$2.75
2376 Benton OB 16x3 $\frac{1}{2}$ " Dull Brass.....	4.00

Other finishes can be furnished on special order. Can also furnish without lettering.

Two in a box with screws.

## LETTERED PLATES

No. 93  
Style of No. 92No. 1171  
Style of No. 1172No. 95  
Style of No. 96No. 9500  
Style of No. 9501

## CAST BRASS

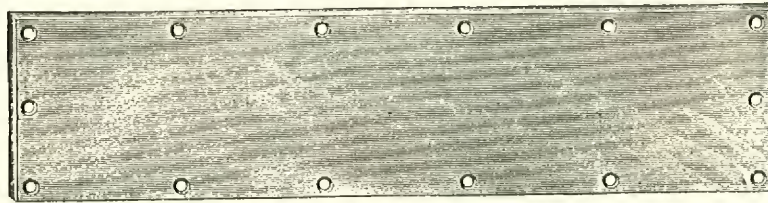
No.				Each
92	Push OB	Dull Brass	1 $\frac{1}{4}$ x4 "	\$ .60
93	Pull OB	" "	1 $\frac{1}{4}$ x4 "	.60
95	Push OB	" "	3 x3 "	.90
96	Pull OB	" "	3 x3 "	.90
1171	Push OBR	Dull Brass Shaded	1 $\frac{3}{4}$ x3 $\frac{1}{2}$ "	1.25
1172	Pull OBR	Dull Brass Shaded	1 $\frac{3}{4}$ x3 $\frac{1}{2}$ "	1.25
9500	Push OB	Dull Brass	4 x1 $\frac{1}{2}$ "	.60
9501	Pull OB	" "	4 x1 $\frac{1}{4}$ "	.60

Six in a box with screws.



## KICK PLATES

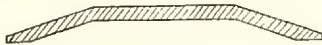
### CUTS REDUCED SIZE



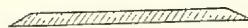
#### Brass or Bronze Metal

Kick Plates are made to order only and can be furnished as follows: Thickness 8 Ga. ( $\frac{1}{8}$ " ), 12 Ga. ( $\frac{1}{12}$ " ), 14 Ga. ( $\frac{1}{16}$ " ), 16 Ga. ( $\frac{1}{20}$ " ). Width, Any width 3" to 24". Length, Any length up to 10 ft. Beveling, Any edges desired or without beveling. Finish, Any finish desired. Packed with wood or machine screws to match. Kick Plates can usually be furnished in a few days from receipt of order. Price quoted on receipt of full information, including quantities.

## THRESHOLDS



Raised Threshold, Drawn Brass



Flat Threshold, Drawn Brass

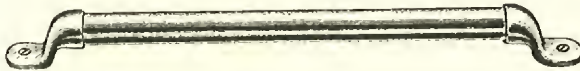


Raised Threshold,  
Cast Iron Grooved Top

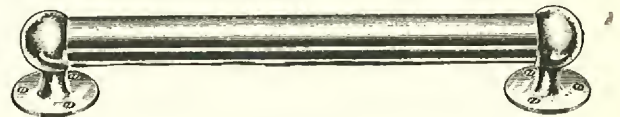
These Thresholds are made to order only but can be furnished promptly. Regularly furnished with square ends but can be cut to suit detail. In fitting thresholds into door opening it is customary to notch out the stop on each side to allow the Threshold to run through to jamb. Screws with brass thresholds. Lead expansion sleeves for tile or cement floor can be furnished.

	Per Foot
4 " Raised Threshold, Polished Brass 2" wide on top, $\frac{1}{2}$ " high, up to 12' long.....	\$3.00
5 " Raised Threshold, Polished Brass 2 $\frac{1}{2}$ " wide on top, $\frac{1}{2}$ " high, up to 12' long.....	3.25
2 $\frac{1}{2}$ " Flat Threshold, Polished Brass, 2" wide on top, $\frac{1}{8}$ " high, up to 12' long.....	2.50
2 $\frac{3}{4}$ " Flat Threshold, Polished Brass, 2 $\frac{1}{4}$ " wide on top, $\frac{1}{8}$ " high, up to 12' long.....	3.00
5 " Raised Threshold, Cast Iron, 2 $\frac{1}{4}$ " wide on top, $\frac{5}{8}$ " high, up to 8' long.....	1.50
6 " Raised Threshold, Cast Iron, 3 $\frac{1}{4}$ " wide on top, $\frac{5}{8}$ " high, up to 8' long.....	1.75

## DOOR BARS



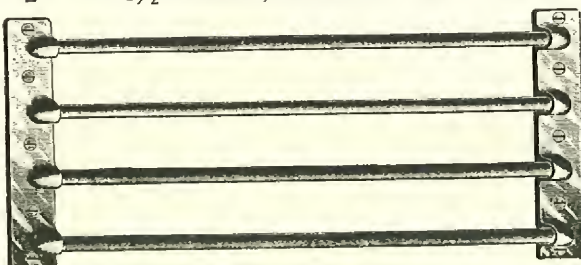
No. 1



No. 2

Door Bars are made to order only. Price for Polished Brass Metal with screws.

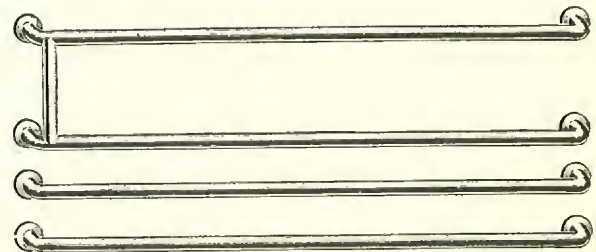
Width center to center	24"	26"	28"	30"	32"
No. 1 $\frac{3}{4}$ " diameter, each.....	\$3.50	\$3.60	\$3.65	\$3.75	\$3.90
1 " diameter, each.....	3.90	4.00	4.10	4.20	4.35
2 $\frac{3}{4}$ " diameter, each.....	3.05	3.10	3.15	3.20	3.25
2 " diameter, each.....	3.60	3.70	3.75	3.80	3.85
2 $1\frac{1}{4}$ " diameter, each.....	3.75	3.85	3.90	4.00	4.10
2 $1\frac{1}{2}$ " diameter, each.....	4.15	4.25	4.35	4.50	4.60



No. H747

Plates  $1\frac{1}{2}$ " wide. Bars 4" center to center. Price for Polished Brass Metal with screws.

Bar		Center to Center		
Diameter	20"	24"	28"	32"
$\frac{5}{8}$ "	\$5.50	\$5.90	\$6.30	\$6.70
$\frac{3}{4}$ "	6.20	6.60	7.00	7.40
1 "	6.90	7.30	7.70	8.10



No. H800

Combined PUSH and GRAB Bars. Made of 1" OD Brass Tube. Height  $2\frac{1}{4}$ " to top of tube. Bars for outside usually furnished with through bolts for attaching from the inside.

If wood screw attachment is wanted it should be stated. Price per set for Polished Brass Metal with screws.

Width Center to Center	20"	24"	28"	32"	36"
	\$18.00	\$19.00	\$20.00	\$21.00	\$22.00

Intermediate sizes as required furnished without extra charge. Bronze Metal Bars and other finishes are at higher prices.



## WROUGHT LETTER BOX PLATES

CUTS REDUCED SIZE



Nos. 1754 to 1757

With outside and inside plates. Both plates  $2\frac{1}{4} \times 7$ ". Opening  $1 \times 4\frac{1}{2}$ ".

No. 1754 AC Wrought Steel, Antique Copper Finish, per set.....	\$ .75
1756 OB Wrought Steel, Dull Brass Finish, per set.....	.75
1755 AC Wrought Bronze, Antique Copper Finish, per set.....	1.00
1757 OB Wrought Brass, Dull Brass Finish, per set.....	1.00

Six sets in a box with screws.



Nos. 01754 to 01757

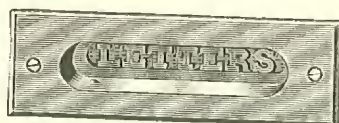
With outside and inside plates. Both plates  $3 \times 10$ ". Opening  $1\frac{1}{2} \times 7\frac{1}{2}$ ".

No. 01754 AC Wrought Steel Antique Copper Finish, per set.....	\$1.10
01756 OB Wrought Steel, Dull Brass Finish, per set.....	1.10
01751 AC Wrought Bronze, Antique Copper Finish, per set.....	1.65
01757 OB Wrought Brass, Dull Brass Finish, per set.....	1.65

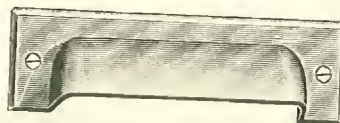
Six sets in a box with screws.

## CAST LETTER BOX PLATES

OUTSIDE PLATE



Nos. P334 and P1334

Also see Cast Letter Box Plate shown on page 59.  
INSIDE HOOD

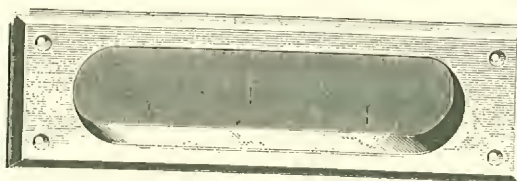
Nos. PH334 and PH1334

Outside Plates  $2\frac{1}{8} \times 6\frac{3}{4}$ ". Opening  $1 \times 4\frac{3}{4}$ ". Hood  $2 \times 6\frac{3}{4}$ ". Opening 5". Projection  $\frac{7}{8}$ ".

No. P334xPH334 AC Plates and Hood, Cast Iron, Antique Copper Finish, per set.....	\$1.50
P334xPH334 OB Plates and Hood, Cast Iron, Dull Brass Finish, per set.....	1.50
P334xPH334 OBS Plates and Hood, Cast Iron, Sand Old Brass Finish, per set.....	1.75
P1334xPH1334 AC Plates and Hood, Cast Bronze, Antique Copper Finish, per set.....	3.50
P1334xPH1334 OB Plates and Hood, Cast Brass, Dull Brass Finish, per set.....	3.50
P1334xPH1334 OBS Plates and Hood, Cast Brass, Sand Old Brass Finish, per set.....	3.50

One set in a box with screws.

## LARGE CAST LETTER BOX PLATES



Nos. 9350x9351 and P355 and P1355.

No. 9350 Outside Plate  $3 \times 8$ ". No. 9351 Inside Plate  $3 \times 7\frac{3}{4}$ ". Opening  $1\frac{1}{2} \times 6$ ".

No. 9350x9351 AC Cast Bronze, Antique Copper Finish, per set.....	\$4.00
9350x9351 OB Cast Brass, Dull Brass Finish, per set.....	4.00
9350x9351 OBS Cast Brass, Sand Old Brass Finish, per set.....	4.50

Nos. P355 and P1355. Outside Plate  $3\frac{3}{4} \times 11$ ". Opening  $1\frac{7}{8} \times 8$ ". Inside Plate  $3\frac{5}{8} \times 10\frac{3}{4}$ ". Opening  $1\frac{7}{8} \times 8\frac{7}{8}$ ".

No. P 355 AC Cast Iron, Antique Copper Finish, per set.....	\$2.25
P 355 OBS Cast Iron, Sand Old Brass Finish, per set.....	2.50
P1355 OB Cast Brass, Dull Brass Finish, per set.....	6.00
P1355 OBS Cast Brass, Sand Old Brass Finish, per set.....	6.50

One set in a box with screws.

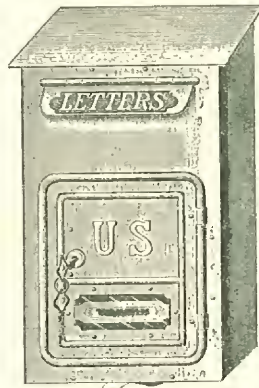


## MAIL BOXES

## HOUSE BOXES



No. 2437



Nos. 2406, 2409 and 10

All have spring clip underneath to hold papers.

No. 2437 Steel Black Enameled, size  $11\frac{1}{4} \times 5\frac{1}{4} \times 2\frac{1}{4}$ ". Secure lock with two keys. Each.....\$1.50

No. 2406 Steel Black Enameled, size  $10\frac{1}{2} \times 5\frac{1}{4} \times 3$ ". Secure lock with two keys. Glass panel with name clip for owners card. Each.....\$1.50

No. 2409 Wrought Brass Metal, Dipped Bright, not polished, same as No. 2406 in other ways. Each.....\$2.25

No. 10 Wrought Brass Metal, Dipped Bright, not polished. Heavier gauge metal than No. 2409. In other ways the same. Each.....\$3.00

One in a box with screws, thirty-six in a case.

**CORBIN  
APARTMENT  
HOUSE  
LETTER BOXES**  
Government Standard



No. 1700 OB

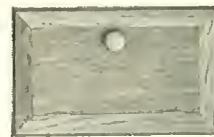
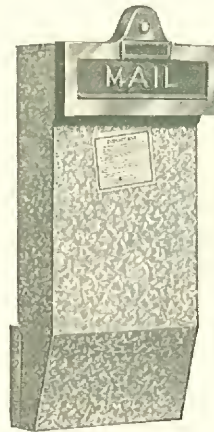


No. 1707

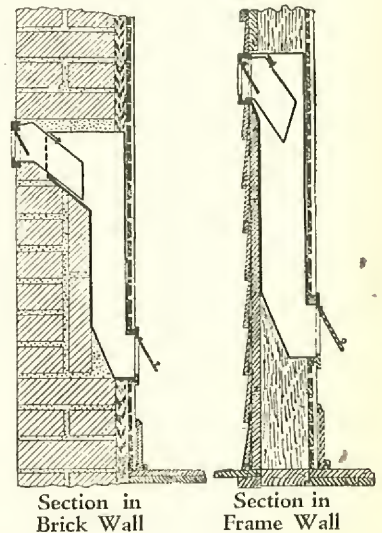
No. 1700 OB Brass Finish, Wrought Brass Front  $4\frac{3}{8} \times 11\frac{1}{8}$ " with electric push button. Door has a glass panel with card holder. Good lock with two flat keys. Furnished with or without mouth piece at same price. Carried in stock without mouth piece. Each.....\$3.75

No. 1707 is supplied in groups of from 3 to 6 boxes. The lock for upper doors which is for the carrier is furnished and installed by local U. S. Post Office authorities. The Tenants locks for lower doors come with the boxes. Outside card holder for tenants name. Inside card holders for names of all occupants. Can be installed in connection with vestibule telephones or furnished with push button and mouth piece for speaking tube. Each box  $19\frac{1}{2}$ " high by 5" wide by  $5\frac{1}{8}$ " deep. Made of wrought brass except the galvanized back plate. Write for special catalogue and price.

## BUILT-IN HOUSE BOXES



View of Style A complete box and the inside door. Box is 21" high, 10" wide and  $3\frac{1}{2}$ " deep. For frame or stucco walls. Adjustable from  $3\frac{1}{2}$  to 7". Also made for brick walls. Adjustable from  $9\frac{1}{2}$  to 14".

Section in  
Brick WallSection in  
Frame Wall

Style A, Mailo-Box; Galvanized Steel box between the walls. Outside door or plate Cast Brass with Name Plate and Electric Button. The opening is large enough to take all magazines and papers. The Inside Door and Frame is Cast Brass. Both plates inside and outside are in Dull Brass Finish. Other finishes to order. Sayle A. Each.....\$14.00

Style C, same as style A except without Push Button and Name Plate. Each.....\$10.50

Style F, same as style C, except Plate is Wrought Brass instead of Cast Brass.....\$8.50

For substituting Inside Door and Frame in Oak or Birch natural finish deduct.....\$2.00

## RURAL MAIL BOXES

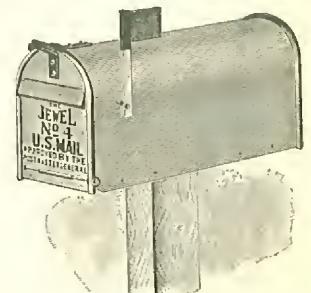
## 2 Sizes

Galvanized Steel Storm Proof door, hinged at the bottom. Padlock hasp, large flag. Drop letter hole in door. Aluminum painted.

No. 1,  $18\frac{1}{2} \times 7\frac{1}{2} \times 6\frac{1}{4}$ "  
Each.....\$1.75

No. 2,  $23\frac{1}{2} \times 11 \times 14$ "  
Each.....\$4.00

No. 2 is large enough to take egg crates or baskets.



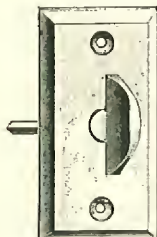
Nos. 1 and 2



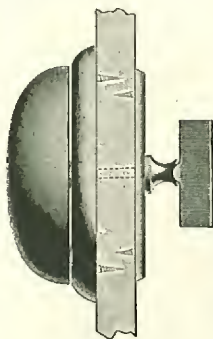
## DOOR BELLS

CUTS REDUCED SIZE

## TURN DOOR BELLS



No. 62  
Wrought Bronze Plate  
3 7/8 x 1 5/8"



No. 05  
Bell Wrought Steel  
3" diameter

Can be applied to door or to jamb at side of door as connecting rod can be cut to suit.

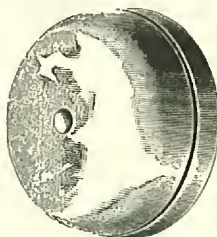
No. 62Dx05D Antique Copper Finish, Each.....\$.85  
No. 62Fx05F Dull Brass Finish, Each......85  
*One in a box with screws.*

## PUSH DOOR BELLS



No. 66  
No. 66Dx40D Antique Copper Finish, Each.....\$1.65  
No. 66Fx40F Dull Brass Finish, Each..... 1.65  
*One in a box with screws.*

Continuous Ring like an electric bell. Bell made of Wrought Steel 3 1/2" diameter. Bell should be wound occasionally by turning gong. Wrought Bronze Plate 3 7/8 x 1 5/8". Can be applied to door or to jamb at side of door as connecting rod can be cut to suit.



No. 40

## ALARM DOOR BELLS



No. 50

For store or office doors. Applied to head jamb over door. The act of opening the door rings the alarm. Can be made silent by moving a lever. Bell metal gong 3 1/2" diameter, Nickel Plated.

Automatic Alarm Door Bell, Each.....\$.90

*One in a box with screws.*

## STANDARD TRIP SIGNAL GONGS

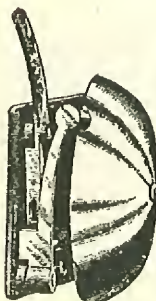
Single Stroke

Nickel Plated Gong, Japanned Iron frame. Strong and well made. Can be rung at any distance by a pull on a cord.

Size given is diameter of gong.

No.	60 Trip Gongs	Each
4"	.....	\$1.00
5"	.....	1.10
6"	.....	1.65
7"	.....	2.20
8"	.....	3.30
9"	.....	4.40
10"	.....	5.50
12"	.....	8.80

*One in a box without screws.*



No. 60

## ELECTRIC BELLS AND BUZZERS



Iron Box

Mechanically and electrically correct. All parts insulated from base.

Fixed adjustment bells have steel nickeled gongs.

2 1/2" Bell, Each.....\$.80

Buzzer, Each......80

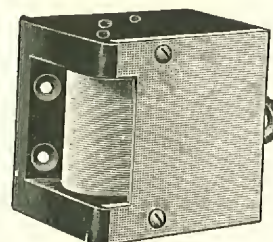
*One in a box.*



## ELECTRIC DOOR OPENERS



For Mortise Latches



For Rim Latches

These openers take the place of strike or keeper for entrance door locks. They are applied to the door jamb and are connected up with batteries and push button same as a door bell. When circuit is closed by pressing button, back side of opener is released permitting door to be pushed open by a small spring bolt which is packed with each opener.

Reliance Jr. Mortise Opener, Bronze Face 5 7/8 x 1 1/4", Case 4 x 2 1/4 x 1" thick. Each.....\$3.50

No. 25006 Rim Opener, Brass Cap, Case 3 1/4 x 2 x 1" thick. Each.....\$5.50

*One in a box.*

## ELECTRIC BELL SUNDRIES



Wire and Staples



Tape



No. 6 Dry Battery

Staples, 5/8" Electricians Staples, per lb.....\$3.00

Wire, Insulated 18 Ga. Copper Bell Wire.

Half pound coils, per coil......40

Pound coils, per coil......75

Adhesive Tape, Black, 3/4" wide.

Quarter pound rolls, per roll......20

Half pound rolls, per roll......30

No. 6 Dry Batteries, 6 x 2 1/2", Each......40

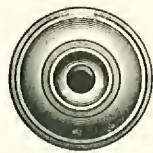


## ELECTRIC PUSH BUTTONS

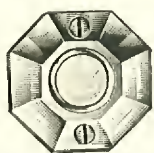
CUTS REDUCED SIZE



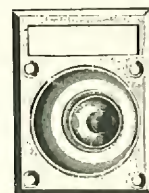
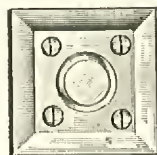
No. P1403 1/4



No. P1403



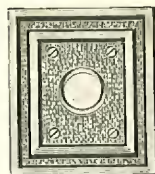
No. 01403 Pembroke

No. 25741  
with card panel

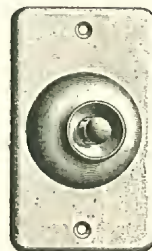
No. 01403 Benton



No. 01403 Rockland



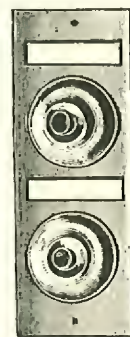
No. 01403 Revere



No. 1411 1/4 Concord



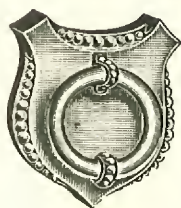
No. 25449

No. 25907 Double  
with card panel

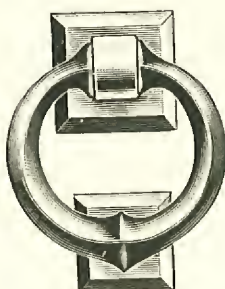
No.	Finish	Material	Size	Description	Each
P1403 OB	Dull Brass	Cast Brass	2 1/4" Dia.	Dome Type	\$1.50
01403 Pembroke OB	" "	" "	2 1/4" Octagon	Flush Type	1.65
01403 Benton OB	" "	" "	2 " Square	" "	1.65
01403 Benton OBS	Sand Old Brass	" "	2 " Square	" "	1.75
01403 Rockland OBR	Old Brass Shaded	" "	2 " Square	" "	1.75
01403 Revere OBR	" "	" "	2 3/4 x 2 3/8	" "	2.00
P1403 1/4 AC	Antique Copper	Wrt. Bronze	2 1/4" Dia.	Dome Type	.50
P1403 1/4 OB	Dull Brass	Wrt. Brass	2 1/4" Dia.	" "	.50
1411 1/4 Concord AC	Antique Copper	Wrt. Bronze	4 x 2	" "	.85
1411 1/4 Concord OB	Dull Brass	Wrt. Brass	4 x 2	" "	.85
25741 AC	Antique Copper	Cast Bronze	3 x 2 1/4	" "	1.00
25741 OB	Dull Brass	Cast Brass	3 x 2 1/4	" "	1.00
25907 Double OB	" "	Wrt. Brass	6 5/8 x 2 1/4	" "	2.00
25907 Triple OB	" "	Cast Brass	9 1/4 x 2 1/4	" "	3.00
25907 Quadruple OB	" "	" "	11 3/4 x 2 1/4	" "	4.00
25449		Wrt. Brass for 5/8" hole		Flush Skeleton	.30

Six in a box with screws.

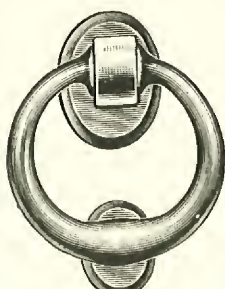
## DOOR KNOCKERS



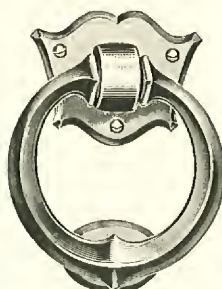
No. 1710



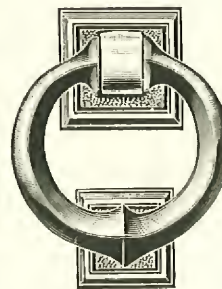
No. 1722



No. 1714



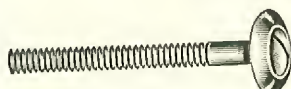
No. 1713



No. 1721



No. 1711

Machine screw for attaching  
knockers from inside.

No.	Finish	Material	Back Plates	Drop Handle	Each
1710 OB	Dull Brass	Cast Brass	4 x 3 3/8"	2 1/2 x 2 1/2"	\$3.00
1711 OB	" "	" "	8 x 1 7/8"	5 1/4 x 2 1/2"	3.75
1722 OB	" "	" "	2 1/2 x 2 1/2" and 2 x 2	4 3/4 x 4 1/2"	5.50
1714 OB	" "	" "	2 5/8 x 1 7/8" and 2 x 1 1/2"	4 1/2 x 4 1/2"	5.50
1713 OB	" "	" "	2 3/4 x 3 3/8" and 1 1/2 x 2	4 3/4 x 4 1/2"	5.50
1721 OBR	Old Brass Shaded	" "	2 1/2 x 2 1/2" and 2 x 2	4 3/4 x 4 1/2"	5.50

One in a box with machine screws and washers.

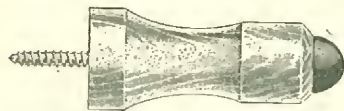


## DOOR STOPS

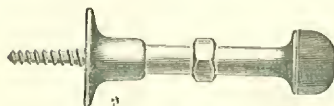
WITH RUBBER TIPS  
CUTS HALF SIZE

Note: Lead screw anchors for use with door stops in cement or tile work are shown on page 211.

## WALL STOPS

No. 12 Unfinished  
White Wood.  
Each .....\$ .05

Thirty-six in a box.

No. 12  
Projection 2 1/2"No. 06239, etc.  
Projection 2 1/2"

No.	Finish	Metal	Each
06239	Antique Copper	Cast Iron	.....\$ .10
06237	Dull Brass	" "	..... .10
06239 3/4	Bright Bronze	" "	..... .10
06263 1/2	Sand Old Brass	" "	..... .12
06202	Dull Nickel	" "	..... .12
06260	Nickel Plated	" "	..... .12
06251	Dull Brass	Cast Brass	..... .35
06283 1/2	Sand Old Brass	" "	..... .40
06242	Nickel Plated	" "	..... .40

Twelve in a box.

Nos. 10242 and 10262  
Projection 3"

No.	Finish	Metal	Each
10242	Antique Copper	Wrt. Steel	.....\$ .15
10262	Dull Brass	Wrt. Steel	..... .15

Twelve in a box.

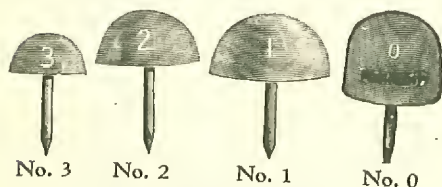


No. 6437 etc.

No.	Finish	Metal	Projection	Each
6437	Dull Brass	Cast Iron	3 1/4"	.....\$ .25
6439 3/4	Bright Bronze	" "	3 1/4"	..... .25
6463 1/2	Sand Old Brass	" "	3 1/4"	..... .27
6451	Dull Brass	Cast Brass	3 1/4"	..... .80
6483 1/2	Sand Old Brass	" "	3 1/4"	..... .85
6442	Nickel Plated	" "	3 1/4"	..... .85
6437S5 1/2	Dull Brass	Cast Iron	5 1/2"	..... .70
6440S5 1/2	Nickel Plated	" "	5 1/2"	..... .80
6451S5 1/2	Dull Brass	Cast Brass	5 1/2"	..... 1.65

Twelve in a box.

## RUBBER HEAD NAILS

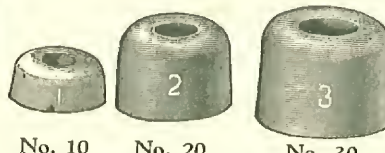


No.	Diam.	Height	Per 100
3	3/8"	1 1/8"	.....\$ .75
2	1/2"	1 1/8"	..... 1.00
1	5/8"	3/8"	..... 1.20
0	1/2"	1/2"	..... 1.50

500 in a box.

## RUBBER BUMPERS

Cuts Full Size



No.	Diam.	Height	Per 100
10	1 1/2"	1 1/4"	.....\$ 1.00
20	5/8"	1 1/8"	..... 1.25
30	3/4"	1 1/8"	..... 2.00

100 in a box without screws.

## FLOOR STOPS

TO ATTACH WITH TWO SCREWS



No. 06339, etc.

No.	Finish	Height 1 3/8".	Metal	Each
06339	Antique Copper	Cast Iron.....		\$.15
06337	Dull Brass	" " ".....		.15
06363 1/2	Sand Old Brass	" " ".....		.17
06351	Dull Brass	Cast Brass.....		.45
06383 1/2	Sand Old Brass	" " ".....		.50
06342	Nickel Plated	" " ".....		.50

Twelve in a box with screws.

WITH WOOD SCREW CAST-IN STOP

Nos. 43039  
and 43151

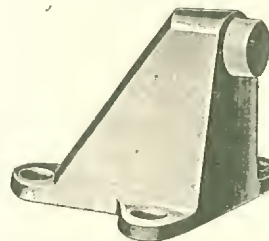
No.	Finish	Metal	Height 1 3/8". Each
43039	Antique Copper	Cast Iron	.....\$ .15
43037	Dull Brass	" "	..... .15
43063 1/2	Sand Old Brass	" "	..... .17
43002	Dull Nickel	" "	..... .15
43042	Nickel Plated	Cast Brass	..... .45

Twelve in a box.

## HEAVY FLOOR STOP

Height 1 3/4"

No.	Finish	Metal	Each
43151	Dull Brass	Cast Brass.....	\$ .85
43142	Nickel Pltd.	" "	.90

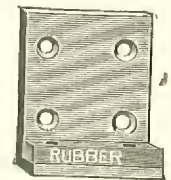
EXTRA HEAVY  
FLOOR STOPS

No. 09439

Height 2 1/2" Three Screw Holes.

No.	Finish	Metal	Each
09439	Antique Copper	Cast Iron	.....\$ .60
09437	Dull Brass	" "	..... .60
09463 1/2	Sand Old Brass	" "	..... .70
09451	Dull Brass	Cast Brass	..... 1.60
09483 1/2	Sand Old Brass	" "	..... 1.85

Twelve in a box with screws.

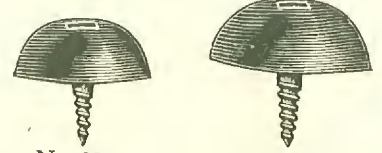
OVERHEAD  
JAMB STOP

No. 012

## OVERHEAD JAMB STOP

No. 012 OB Cast Brass, Dull Brass Finish. Used to stop door in closed position where there is no rabbet stop.  
Each .....\$ 1.00

One in a box.

RUBBER SLOTTED SCREW  
TIPS

No. 231

No. 232

RUBBER SLOTTED SCREW TIPS  
Inserted screw.

No.	Diam.	Height	Per 100
231	1 1/8"	1 1/8"	.....\$ 2.25
232	1 1/8"	3/8"	..... 2.50

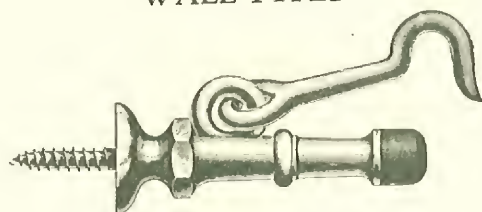
50 in a box.



# DOOR STOPS AND HOLDERS

CUTS REDUCED SIZE

## WALL TYPES

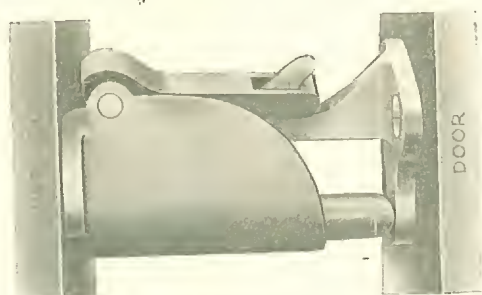


Nos. 43351 and 43342

Projection  $3\frac{1}{4}$ ". Base  $1\frac{1}{8}$ " Dia.

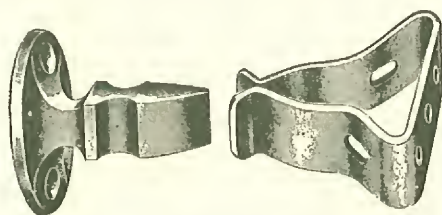
Cast Brass, Rubber Tip.

- No. 43351 Dull Brass Finish, Each.....\$2.00  
 43342 Nickel Plated Finish, Each.....2.25  
*Twelve in a box with screws.*



The Rawlings Wall Type Door Holder and Bumper engages the door automatically and disengages by pushing the door against the bumper and then quickly releasing it. The spring plunger takes up all lost motion and prevents rattle; also acts as a shock absorber. Made of heavy cast bronze in two sizes. Polished bronze finish carried in stock.

- No. W1 Projection  $2\frac{3}{4}$ ", width  $2\frac{1}{4}$ ", each.....\$2.50  
 W2 Projection  $3\frac{1}{2}$ ", width  $2\frac{3}{4}$ ", each.....3.00  
*Six in a box with screws.*

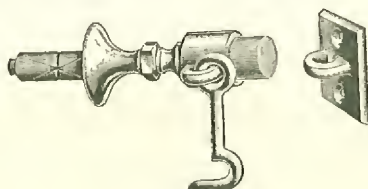


Nos. 9339 and 9337

Projection  $2\frac{3}{4}$ "

Cast Iron with steel springs.

- No. 9329 Japanned Finish, each.....\$.35  
 9339 Antique Copper Finish, each......45  
 9337 Dull Brass Finish, each......45  
*Twelve in a box with screws.*



No. P1728

Projection  $3\frac{5}{8}$ ". Base  $1\frac{3}{4}$ " diameter.

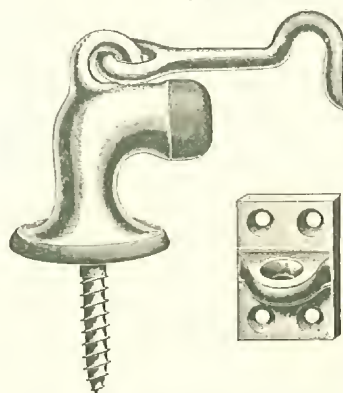
Staple Plate  $2 \times 1\frac{1}{2}$ "

Machine screw 3" long with Expansion Shield.

Cast Brass, Rubber Tip.

- No. P1728 OB Dull Brass Finish, each.....\$2.75  
*Two in a box.*

## FLOOR TYPES



Nos. 43451 and 43251

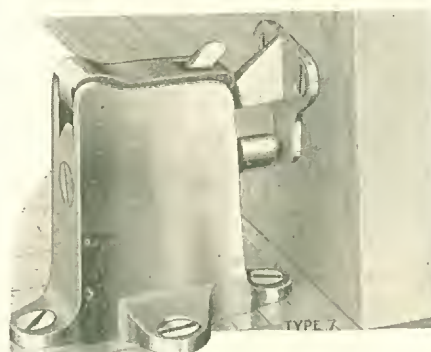
Note: Lead Screw Anchors for use with Door Stops and Holders in cement or tile work are shown on page 211.

CAST BRASS  
RUBBER TIP

Height  $2\frac{1}{4}$ ", Base  $1\frac{5}{8}$ " dia.

Dull Brass Finish

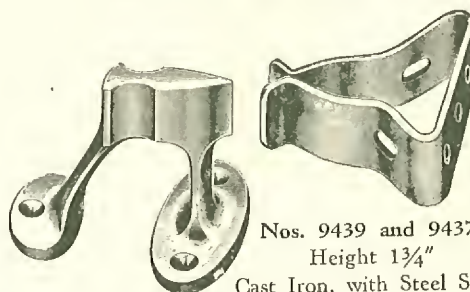
With one screw cast in.  
 No. 43451, each.....\$1.85  
 With two loose screws.  
 No. 43251, each.....\$1.65  
*Twelve in a box with screws.*



up all lost motion and prevents rattle, also acts as a shock absorber.

Made of heavy cast bronze in two sizes. Polished bronze finish carried in stock.

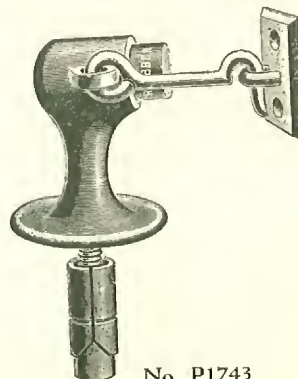
- No. SF2 Projection  $3\frac{3}{8}$ ", width  $2\frac{5}{8}$ ", each.....\$3.75  
 SF6 Projection  $4\frac{1}{8}$ ", width 3", each.....4.50  
*Six in a box with screws.*



Nos. 9439 and 9437  
Height  $1\frac{3}{4}$ "

Cast Iron, with Steel Springs

- No. 9439 Antique Copper Finish, each.....\$.50  
 9437 Dull Brass Finish, each......50  
*Twelve in a box.*



No. P1743

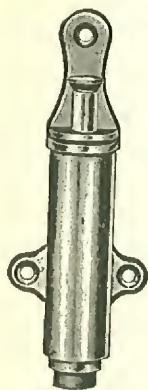
No. P1743

Height  $3\frac{1}{8}$ ", Base  $2\frac{1}{4}$ " diameter. Machine Screw 3" long with Expansion Shield.

Cast Brass, Rubber Tip

- No. P1743 OB Dull Brass Finish, each.....\$3.50  
*Two in a box.*



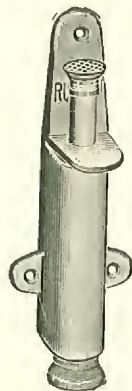


## DOOR HOLDERS

### WITH RUBBER TIPS

Operated by foot. Released by slight pressure of toe on trigger at top of holder.

A compression spring on plunger rod holds rubber tip tightly against the floor.



Nos. 7241  
and 7261

Wrought Steel Case  $6\frac{3}{4} \times 2\frac{1}{4}$ " — and 270  
No. 7241 AC Antique Copper Finish, each.....\$1.00  
7261 OB Dull Brass Finish, each.....1.00

Cast Iron Case  $6\frac{3}{4} \times 2\frac{3}{8}$ "  
No. T7270 OB Dull Brass Finish, each.....\$1.75  
T7270 OBS Sand Old Brass Finish, each.....2.00

Cast Brass Case  $6\frac{3}{4} \times 2\frac{3}{8}$ "  
No. 270 OB Dull Brass Finish, each.....\$3.25  
270 OBS Sand Old Brass Finish, each.....3.50  
*Six in a box with screws.*



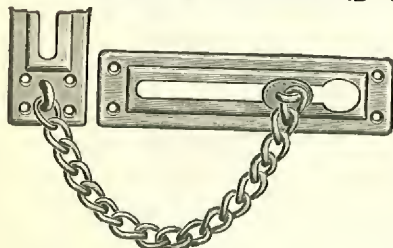
No. 4

## HERCULES DOOR HOLDERS

Simple, sturdy and practical. Standard equipment on some of the finest buildings. Operated with the foot. Made of heavy cast bronze with rubber tip. Can be furnished in any finish. Carried in stock in polished bronze finish.

No. 4 Polished Bronze.....\$2.50

## DOOR FASTENERS OR GUARDS



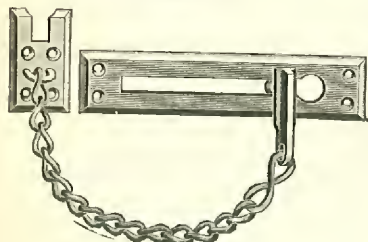
No. 7012

No. 7012 Wrought Steel Plate 6" long. Welded chain.

No. 7012 AC Antique Copper Finish.....\$ .80

No. 7012 OB Dull Brass Finish..... .80

*Six in a box with screws.*

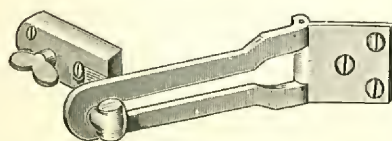


No. 14

No. 14 Cast Brass Plate 4" long. Welded Brass Chain.

No. 14 OB Dull Brass Finish.....\$2.25

No. 14 OBS Sand Old Brass Finish.....2.50  
*Six in a box with screws.*



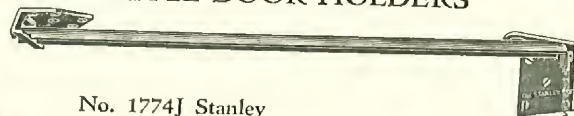
No. P376

No. P376 Cast Iron  $5\frac{1}{2}$ " long,  $1\frac{1}{2}$ " wide.

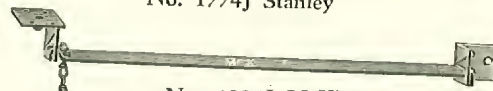
No. P376 AC Antique Copper Fin.....\$1.10

No. P376 OB Dull Brass Fin.....1.10  
*Six in a box with screws.*

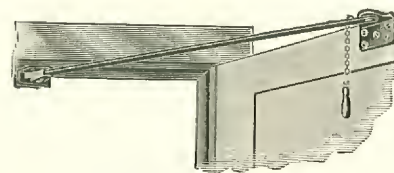
## GARAGE DOOR HOLDERS



No. 1774J Stanley



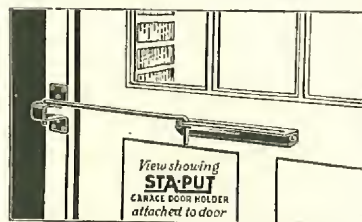
No. 1934J McKinney



No. 2 Russwin

For Hinged Garage Doors opening outward. Holds doors in open position. Released by slight pull on chain. Reversible for right or left hand. Can be applied to square or arched head jambs.

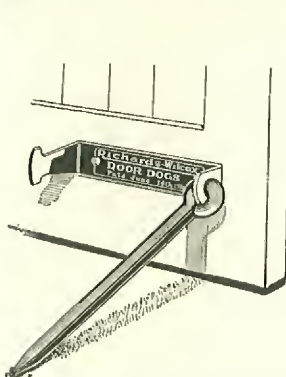
No. 1774J 30" long, Japd. Fin., Per Pair.....\$2.75  
1934J 30" long, Japd. Fin., Per Pair.....2.75  
2 30" long, Japd. Fin., Per Pair.....2.75  
*One pair in a box.*



## STA-PUT

### Garage Door Holder

Attached to center cross stile of the door. Released by lifting rod with the hand. Japanned finish. Per Pair.....\$2.25  
*One pair in a box.*

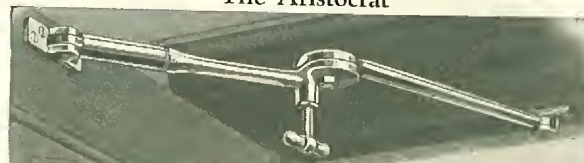


## Richards Wilcox "Door Dogs"

The simplest and lowest priced Garage Door Holder. Applied to bottom of door. Released with foot. Quickly put on.

Door Dogs, Japanned Steel, Per Pair.....\$1.25  
*One pair in a box with screws.  
Six pair in a counter display carton.*

## OVERHEAD DOOR HOLDER The Aristocrat



Designed for Entrance and Exit Doors to public buildings. Will hold doors open at 90 or 125 degrees. Equipped with shock absorber, saving strain on hinges. A turn of the handle permits the door to work freely until again set with the handle. For doors 2' 6" wide and wider. Made of solid cast bronze. No. 02 Aristocrat, Pol. Bronze Finish, each.....\$11.00



## FIGURES AND LETTERS

## EMBOSSSED ALUMINUM AND BRASS FIGURES

1 2 3 4 5 6 7 8 9 0

3" Numbers, 100 assorted in a display box. Others sizes 10 in a box.  
Packed with pins to match for attaching to wood.

Aluminum Polished Bright	Size	3/4"	1 1/2"	2"	3"
Figures	Each	\$ .06	\$ .07	\$ .08	\$ .08
Brass Polished Bright	Size		1 1/2"	2"	3"
Figures	Each		\$ .08	\$ .09	\$ .12

## EMBOSSSED ALUMINUM AND BRASS LETTERS

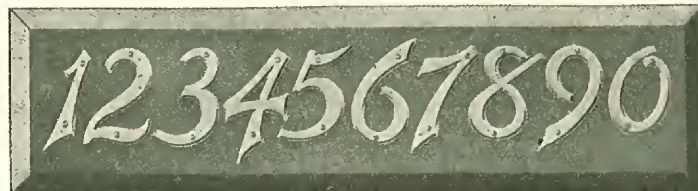
A B C D E F G H I

Aluminum Polished Bright 2" Size, all letters of the alphabet.	Each	\$ .12
Brass Polished Bright 1 1/2" Size, all letters of the alphabet.	Each	.12

## "DE LUXE" FIGURES

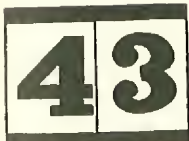
Beveled Edge Aluminum Panels 3 3/8 x 2 1/8". Dead Black Finish. Figures are depressed or sunk in, and are in satin aluminum finish. Figures are 2 1/2" high. De Luxe Figures.  
Each \$ .15Ten in a box with pins for attaching.  
Fifty assorted in a display box.

## CAST BRONZE FIGURES—GOTHIC STYLE

4" Polished Cast Bronze, each \$ .35  
Packed as ordered with bronze screws

## GLAZED PORCELAIN BLOCK FIGURES AND LETTERS

White Background, Black Figures



Figures in frame



Letters in frame

Styles 31 and 32 are for use in Metal Frames as listed below.

Spacers are blank blocks and are for use between words or for filling out frames.

Style 38 Figures, block size 3 1/2 x 1 3/4". Figure 2 1/8" high. With two round head brass screws for attaching each block separately. Each \$ .22

	Figures	Spacers
Style 32 Figures, block size 3x2", Figure 2" high, for use in frame	\$ .25	\$ .15
31 Figures, block size 2 1/2 x 1 1/2", Figure 1 3/4" high, for use in frame	.20	.14
31 Letters, block size 2 1/2 x 1 1/2", Letter 1 3/4" high, for use in frame	.20	.14

Packed as ordered.

## Frames for Porcelain Figures and Letters

Made of aluminum, coated with black Japan, cannot rust. Attached with screws.

Frames to hold 1, 2, 3 or 4 figures for style 32 or style 31. Each \$ .25  
Frames for style 31, letters, from 6" to 30" long. Per inch .05  
Packed as ordered.

## WINDOW SCREEN NUMBER TACKS

Usually furnished in duplicate, one number for screen and the duplicate for the window frame.

Screen Tacks, Numbers 1 to 99. Per 100 pieces \$2.00  
Screen Tacks, Numbers 100 to 200. Per 100 pieces 3.00

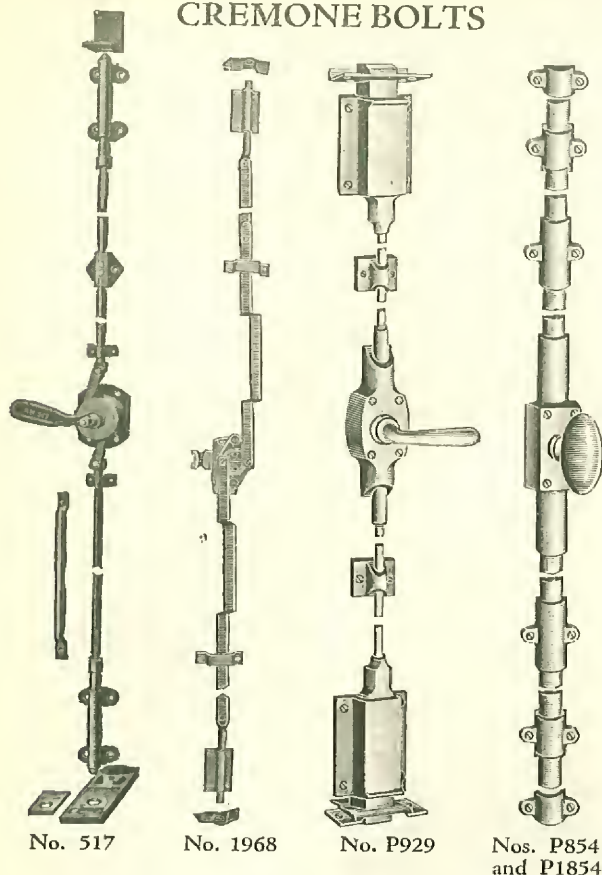
Single sets of screen tacks on cards as follows:

1 to 12, 1 to 25, 1 to 50 and 50 to 99. Furnished in sets or as ordered.





## CREMONE BOLTS



No. 517

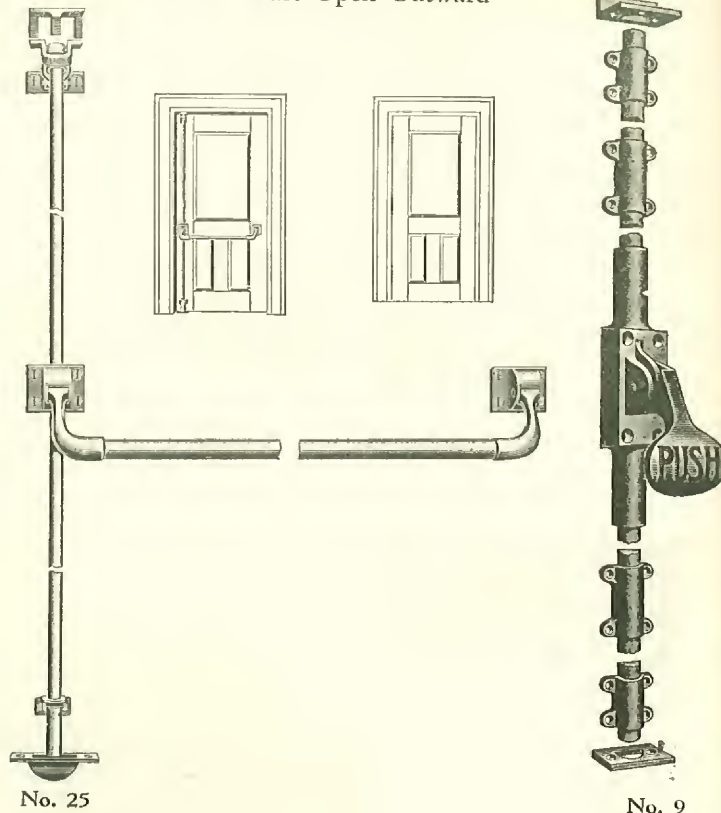
No. 1968

No. P929

Nos. P854  
and P1854

## FIRE EXIT BOLTS

Doors Must Open Outward



No. 25

No. 9

These bolts lock or unlock at both top and bottom with one movement of the lever.

No. 517 Garage Door Bolt, Japanned Steel. Made for doors up to 9 ft. high. There is an adjustment of 1 ft. so it is not necessary to cut rods. Rods are in 18" sections. Packed with strikes and screws in a box 21 inches long. Each.....\$5.60

Extra rods 18" long for higher doors.....\$8.00

No. 1968 Garage Door Bolt, Japanned Steel. The special feature of this bolt is that while the bolt is applied to inside of doors it can be operated from the outside by handle and handle can be locked with a padlock. Suitable for medium weight doors, and adjustable for doors from 7 to 9 ft. high. Each.....\$4.00

*One in a box with strike, screws and directions.*

No. P929xOB Dull Brass finish Cremone Bolt. Steel rods and iron housings for doors and windows. Not carried in stock. In ordering give height of door, distance from floor to center of handle, and whether for opening in or out. Can be furnished in any finish. Each.....\$10.00

*One in a box with strike and screws.*

No. P854xOB Dull Brass finish Cremone Bolt, Steel Rods and Iron Housings. For French Doors and windows. Not carried in stock. In ordering give height, distance from floor to center of knob, and whether Flat or Rim Strikes are wanted for top and for bottom. Rods  $\frac{3}{8}$ " wide by  $\frac{5}{8}$ " thick. Can be furnished in any finish. Each.....\$6.00

*One in a box with strike and screws.*

No. P1854xOB Dull Brass Finish on Solid Brass Metal. Otherwise same as No. P854xOB. Each.....\$10.00

*One in a box with strike and screws.*

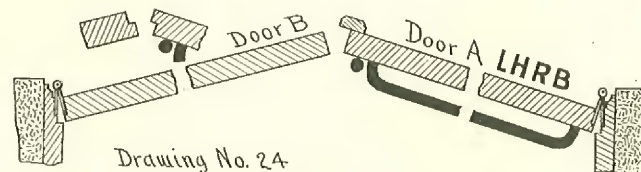
No. 25 Fire Exit Bolt is suitable for Exit Doors in Theatres, Schools and in Fire Towers. There is no way of operating this bolt from outside, so it cannot be used on an Entrance Door. A push on the cross bar releases the Top and Bottom Bolt and they remain in that position until door is closed. Carried in stock for doors 8' 6" high by 3' wide. Upper bolt rod and cross bar tube can be cut off to suit lower and narrower doors. Reversible for Right or Left Hand Doors, opening outward.

No. 25 Malleable Iron and Steel. Dead Black Finish.

Each.....\$15.00

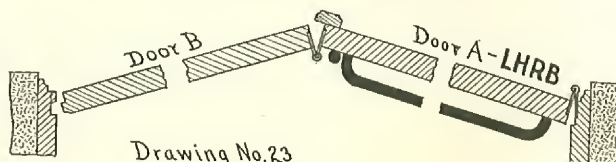
No. 9xOB Exit Bolt. All Brass Metal, Dull Brass Finish. Carried in stock. For doors 7' 6" high. Can be cut off to suit. Each.....\$12.00

*One in a box with strike and screws.*



Drawing No. 24

*Suggestion for applying Exit Bolt*



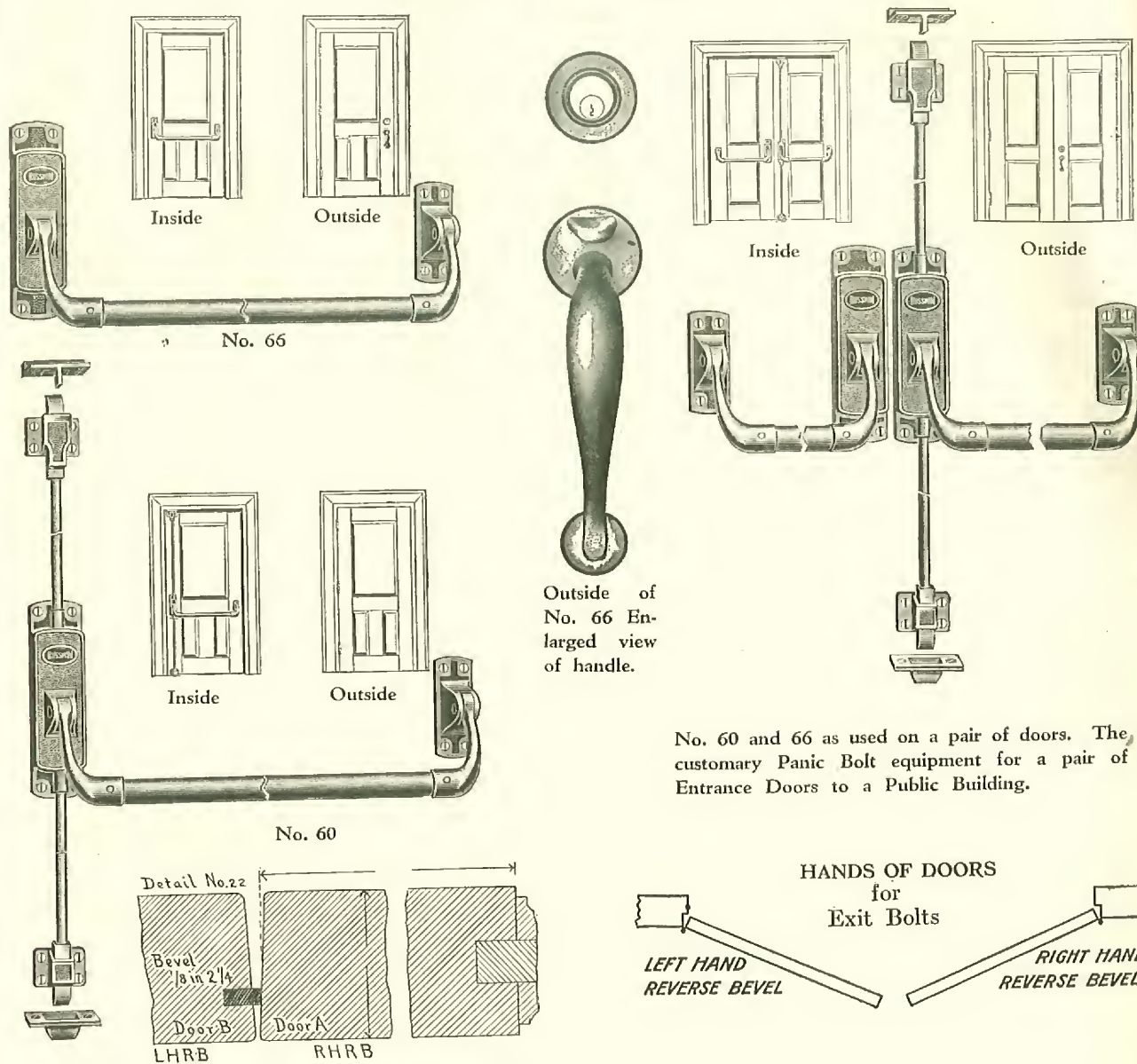
Drawing No. 23

*Suggestion for applying Exit Bolt.*



## RUSSWIN PANIC OR FIRE EXIT LOCKS AND BOLTS

Doors Must Open Outward



No. 60 and 66 as used on a pair of doors. The customary Panic Bolt equipment for a pair of Entrance Doors to a Public Building.

\*Suggested detail for meeting stiles.

These bolts are made of Polished Bronze Metal and are suitable for Entrance and Exit Doors in schools, churches, theatres and other public buildings. The Cross Bars are Double Acting and when pushed down or up will instantly release the latch bolts. Not reversible, specify hand. See plan sketch above for hand of doors. In ordering give height from threshold to head stop, width of door between stops, width and thickness of stile and kind of door.

Can be furnished in any finish, but carried in stock only in Polished Bronze. Other items which may be required in polished bronze finish such as Butts, Kick Plates and Door Holders will be furnished at same price as Sand Old Brass Finish.

No. 66 Polished Bronze Entrance and Exit Lock, suitable for single door or the active door of a pair of doors. Has sectional handle outside with cylinder lock. Cylinder can be made to pass other cylinders for which an extra charge is made. Key will lock or unlock thumb piece. The latch bolt may be drawn back in the case of the lock and held there by a reverse turn of the key and making free passage either way. Furnished with open back strike for double doors so that either door can close first. The mortise lock for this device requires a door stile not less than  $4\frac{1}{4} \times 1\frac{3}{4}$ ". An auxiliary latch bolt guards the main latch bolt from being forced back when locked. Handle 6" long, handle plates  $2\frac{1}{4}$ " diameter. Cross Bar  $\frac{7}{8}$ " tube. Each.....\$40.50

No. 60 Polished Bronze Exit Bolt, suitable for Single or Double Doors where Exit only is required. Also suitable for the standing door of a pair of Entrance Doors when used in connection with No. 66 Panic Lock on the other door. No hardware on outside of door. Cross Bar  $\frac{7}{8}$ " tube, matches No. 66. Vertical Latch Bolts have  $\frac{3}{8}$ " bronze rods. Each.....\$36.00

Other finishes at higher price.

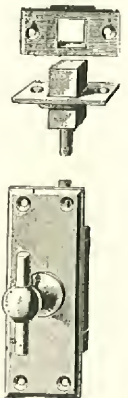
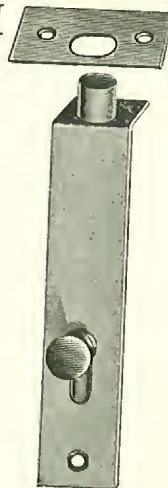
\*Note felt weather strip inserted in edge of door.

One in a package with screws.



## FLUSH BOLTS

CUTS REDUCED SIZE

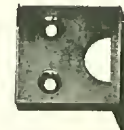
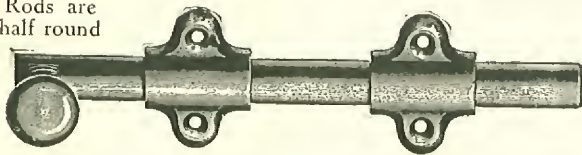


Nos. 17264 and 17266		Nos. P1860 and 5443/4		Nos. 8950 to 16364		Nos. 15246 to 153612		No. 191		No. 194		No. 8131	
No.	Finish	No.	Finish	Metal	Length	Width	Bolt Dia.	Type	Each	No.	Type	No.	Each
5443/4	OB	17264	OB	Wrt. Brass	3"	1 1/2"	1/8"	Flush Slide	.35				
17266	OB			Wrt. Steel	4"	5/8"	1/4"	" "	.35				
P1860	OB			" "	6"	3/8"	3/8"	" "	.35				
P1860	OB			Cast Brass	4"	3/4"	1/8"	" "	.75				
8951	OB			" "	6"	3/4"	5/16"	" "	.90				
8983 1/2	OBS			" "	3"	5/8"	1/4"	Slide Knob	.70				
8942	N			" "	3"	5/8"	1/4"	" "	.75				
16244	AC			" "	4"	5/8"	1/4"	" "	.75				
16264	OB			Wrt. Steel	4"	5/8"	1/4"	" "	.35				
16364	OBS			" "	4"	5/8"	1/4"	" "	.35				
15246	AC			" "	6"	1"	1/2"	" "	.40				
15249	AC			" "	9"	1"	1/2"	" "	.55				
152412	AC			" "	12"	1"	1/2"	" "	.65				
15266	OB			" "	6"	1"	1/2"	" "	.75				
15269	OB			" "	9"	1"	1/2"	" "	.55				
152612	OB			" "	12"	1"	1/2"	" "	.65				
15366	OBS			" "	6"	1"	1/2"	" "	.75				
15369	OBS			" "	9"	1"	1/2"	" "	.60				
153612	OBS			" "	12"	1"	1/2"	" "	.70				
191	AC			Cast Bronze	6-9-15-21"	5/8"	3/8"	Flush Lever	.80				
191	OB			Cast Brass	6-9-15-21"	5/8"	3/8"	" "	2.00				
191	OBS			" "	6-9-15-21"	5/8"	3/8"	" "	2.00				
194	AC			Cast Bronze	6-9-15-21"	1 1/4"	1/2"	" "	2.10				
194	OB			Cast Brass	6-9-15-21"	1 1/4"	1/2"	" "	2.00				
194	OBS			" "	6-9-15-21"	1 1/4"	1/2"	" "	2.00				
194	PB			" "	6-9-15-21"	1 1/4"	1/2"	" "	2.10				
194	DN			" "	6-9-15-21"	1 1/4"	1/2"	" "	2.00				
8131	OB			Cast Bronze	9-15-21"	1 3/4"	1 1/2"	Turn Knob	2.10				
8131	OBS			" "	9-15-21"	1 3/4"	1 1/2"	" "	2.25				
8131	PB			" "	9-15-21"	1 3/4"	1 1/2"	" "	2.25				

Sizes 3" and 4", twelve in a box, balance six in a box with strikes and screws.

## SURFACE BOLTS

Rods are  
half round



Both of these  
strikes packed with  
each bolt.

Nos. 05337 to 5383 1/2  
WROUGHT STEEL

No.	Finish	Size	Each
26244	AC	4x3/8"	.35
26264	OB	4x3/8"	.35
26364	OBS	4x3/8"	.40
27246	AC	6x1/2"	.45
272412	AC	12x1/2"	.70
27266	OB	6x1/2"	.45
272612	OB	12x1/2"	.70
27366	OBS	6x1/2"	.50
273612	OBS	12x1/2"	.75

Twelve in a box with strikes and screws.

Flat Strike Angle Strike  
BRASS METAL—Cast Plates

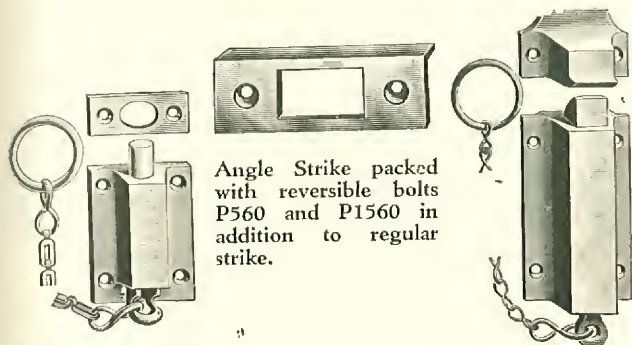
No.	Finish	Size	Each
05351	- 4" OB	4x3/8"	.65
05334	- 4" PB	4x3/8"	.65
05383 1/2	- 4" OBS	4x3/8"	.70
05322	- 4" DN	4x3/8"	.70
5351	- 6" OB	6x1/2"	1.00
5351	- 12" OB	12x1/2"	1.10
5383 1/2	- 6" OBS	6x1/2"	1.10
5383 1/2	- 12" OBS	12x1/2"	1.25
5322	- 6" DN	6x1/2"	1.10
5322	- 12" DN	12x1/2"	1.25



## REVERSIBLE CAST CHAIN BOLTS

Spring Action

CUTS REDUCED SIZE



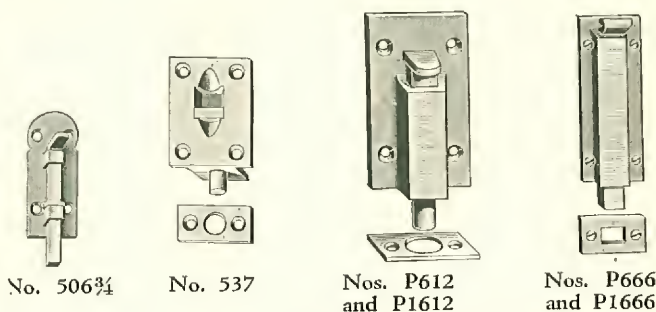
Nos. P610 and P1610

Nos. P560 and P1560

No.	Length	Finish	Metal	Each
P 610 AC	2"	Antique Copper	Cast Iron	.40
P 610 OB	2"	Dull Brass	" "	.40
P1610 OB	2"	" "	Cast Brass	.90
P 560 AC	3"	Antique Copper	Cast Iron	.55
P 560 OB	3"	Dull Brass	" "	.55
P1560 OB	3"	" "	Cast Brass	1.25

P610 and P1610, twelve in a box, balance six in a box with strikes and screws.

## BOTTOM BOLTS



No.	Size	Finish	Metal	Each
No. 506 3/4	2"	Pol. Brass	Wrt. Brass	\$.30
537	2 x 1 1/2"	" "	Cast Brass	.65
P 612 AC	2 3/8 x 1 1/2"	Antique Copper	Cast Iron	.40
P 612 OB	2 3/8 x 1 1/2"	Dull Brass	" "	.40
P1612 OB	2 3/8 x 1 1/2"	" "	Cast Brass	.90
P 666 AC	3 x 1 3/4"	Antique Copper	Cast Iron	.50
P 666 OB	3 x 1 3/4"	Dull Brass	" "	.50
P1666 OB	3 x 1 3/4"	" "	Cast Brass	1.15

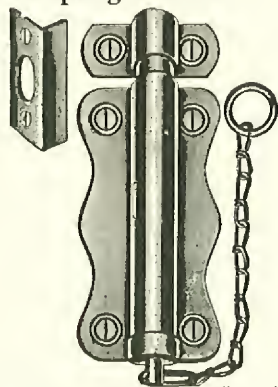
No. 506 3/4—36 in a box with screws.

No. 537—24 in a box with screws.

Nos. P612 to P1666—12 in a box with screws.

## REVERSIBLE STEEL CHAIN BOLTS

Spring Action



Type of steel chain bolt 6" to 10". 3" size has straight edges. Specify length required.

No.	Length	Finish	Each
1055 J	3"	Japanned	\$.50
355 AC	3"	Antique Copper	.60
355 OB	3"	Dull Brass	.60
19126 J	6"	Japanned	.70
19246 AC	6"	Antique Copper	.90
19266 OB	6"	Dull Brass	.90
19128 J	8"	Japanned	1.15
19248 AC	8"	Antique Copper	1.40
19268 OB	8"	Dull Brass	1.40
1055 J	10"	Japanned	1.65
355 AC	10"	Antique Copper	2.00
355 OB	10"	Dull Brass	2.00

Packed with both strikes as shown.

10" size, one in a box with screws.

Others 6 in a box with screws.

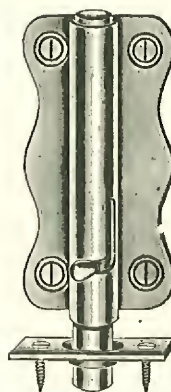
SPRING GARAGE BOLT for top and bottom of door.  
HUTCHISON GARAGE BOLT 3/8x24" Japd. Each \$1.50  
Two in a box with screws.

Spring Garage Bolt



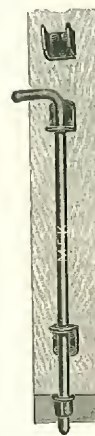
## STEEL FOOT BOLTS

Spring Action



Nos. 18126 to 18268  
10" Size is similar

## CANE BOLTS



Bolted  
Position



Unbolted  
Position

CANE BOLTS for bottom of door.

No. 1967	5/8x18" Japanned Steel, each	\$1.00
	3/4x24" Japanned Steel, each	1.25

Two in a box with strikes and screws.

FOOT BOLTS for bottom of door.

No.	Length	Finish	Each
18126 J	6"	Japanned	\$.70
18246 AC	6"	Antique Copper	.90
18266 OB	6"	Dull Brass	.90
18128 J	8"	Japanned	1.00
18248 AC	8"	Antique Copper	1.30
18268 OB	8"	Dull Brass	1.30
1056 J	10"	Japanned	1.65
355 AC	10"	Antique Copper	2.00
355 OB	10"	Dull Brass	2.00

Packed with strikes as shown.

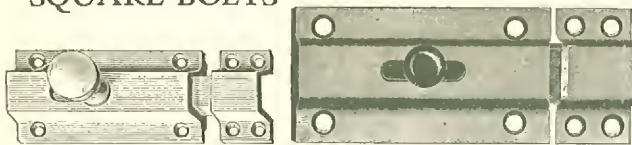
10" size, one in a box with screws.

Other sizes 6 in a box with screws.



## CUTS REDUCED SIZE

## SQUARE BOLTS



Nos. P780 and P1780

No. 1096

These bolts have friction spring.

No.	Size	Finish	Metal	Each
P 780 AC	4"	Antique Copper	Cast Iron	.....\$ .65
P 780 OB	4"	Dull Brass	" "	..... .65
P1780 OB	4"	" "	Cast Brass	..... 1.25
1096 J	2"	Japanned	Wrt. Steel	..... .50
1096 J	4"	" "	" "	..... .60
1096 J	6"	" "	" "	..... .70

Note: No. 1096 is a very heavy all steel bolt, will stand rough usage.  
*Twelve in a box with screws.*

## " SHUTTER BOLTS



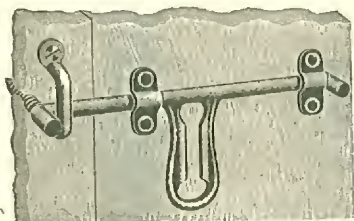
No. 1326

Wrought steel galvanized. Size given is length of bolt without staple plate.

No. 1326—8"	six in a box, each.....	\$ .85
1326—12"	three in a box, each.....	1.40

*Packed with screws.*

## BARN DOOR BOLT

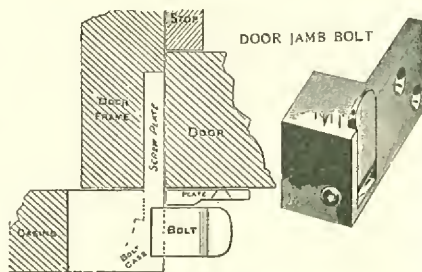


No. 128-1

For hinged or sliding doors. Malleable Iron Bolt  $\frac{1}{2}$ x8". Steel Staples, Japanned finish. Suitable for stalls and gates. Can be locked with padlock. Each.....\$ .45

DOOR  
BAR  
HOLDER

No. 73

JAMB BOLT FOR HINGED  
DOOR

No. 750

No. 73 Door Bar Holder, Japanned Steel.

For Bar.....	1 x2 "	$\frac{1}{4}$ x2 $\frac{3}{4}$ "	$\frac{1}{4}$ x3 $\frac{1}{4}$ "
Size Steel.....	$\frac{1}{4}$ x $\frac{1}{8}$ "	$\frac{1}{8}$ x $\frac{1}{8}$ "	$\frac{1}{2}$ x $\frac{1}{8}$ "
Each.....	\$ .20	\$ .20	\$ .25

No. 750 OB Jamb Bolt for hinged doors. Iron Dull Brass Finish. Applied to jamb with strike on door. Not affected by settling of door. A glance shows whether bolt is set or not.  
 No. 750 OB, each.....\$ .85

## "DRAW-TITE" BOLTS FOR SLIDING DOORS



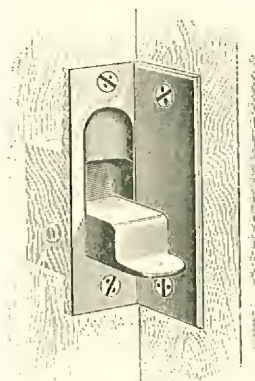
No. 396-1

No. 396-2

No. 396 "Draw-Tite" Bolt can be used on Single, Double and Parallel Sliding Doors. The cam action of the lever draws the doors tightly together. Made of heavy malleable iron throughout. Will go on the edge of a  $1\frac{3}{4}$ " door. Can be locked with a padlock and when locked the screws are concealed so bolt cannot be removed. Can be used on outside or inside. For sliding door hung on inside of wall which it is desired to lock from outside, apply No. 396-1 to face of door jamb and the flat keeper to the face of the door stile. It will draw the door tight against the wall. Use No. 396-2 for pairs of doors.

## GALVANIZED FINISH

No. 396-1 with flat strike, each.....	\$1.75
No. 396-2 with box strike, each.....	1.75

*One bolt in a box with screws.*SLIDING DOOR  
BOLT

No. 751

A Sliding Door Bolt for house doors. Mortised into back stile of door. Strike on jamb. Illustration shows bolt drawn out and door locked, face plate  $2\frac{3}{8}$ x1 $\frac{1}{8}$ ".

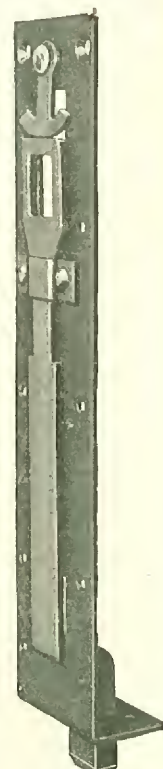
No.	Each
751 OB Cast Brass, Dull Brass finish.	\$1.75

## PARALLEL DOOR BOLT

Very heavy, suitable for bolting at bottom, parallel doors in warehouses or garages. Requires only  $\frac{3}{4}$ " clearance between doors. Made of malleable iron and wrought steel. The pivoted stop at top locks bolt down or holds in retracted position as desired.

Plate  $1\frac{1}{4}$ x3 $\frac{1}{2}$ ", bolt  $1\frac{1}{8}$ x $\frac{3}{8}$ ".

No. 390 Japanned finish, each.....	\$2.75
------------------------------------	--------

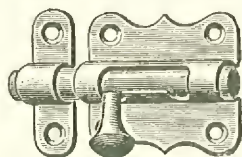
*Packed in bulk without screws or bolts.*PARALLEL  
DOOR BOLT

No. 390



## CUTS REDUCED SIZE

## WROUGHT BARREL BOLTS



Nos. SC1076, 405 and 1073

Cellar window type, heavy bolt. One piece bent plate and staple.  
Size given is length of bolt rod.

No. SC1076 Japanned Steel, with screws.

Size .....	2"	2 1/2"	3"	3 1/2"
Each .....	\$ .15	\$ .20	\$ .25	\$ .30

No. 405 AC Antique Copper Finish on steel.

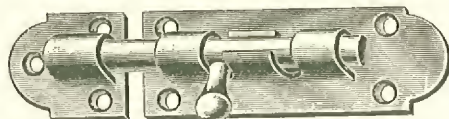
No. 405 OB Dull Brass Finish on steel.

Size .....	2"	2 1/2"	3"
Each .....	\$ .25	\$ .30	\$ .35

No. 1073 Polished Solid Brass Metal.

Size .....	2"	2 1/2"	3"	3 1/2"
Each .....	\$ .45	\$ .50	\$ .60	\$ .95

All above twelve in a box with screws.



Nos. SC1078 and SC1084

Light Barrel Bolts, Brass Plated Knob, Riveted Plate and Keeper.  
Size given is length of bolt rod.

No. SC1078 Japanned Steel, with screws.

Size .....	2 1/2"	3"	4"
Each .....	\$ .15	\$ .18	\$ .20

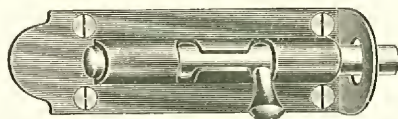
Twelve in a box with screws.

Heavy Barrel Bolts, Brass Plated Knob. Size given is length of bolt rod.

No. SC1084 Japanned Steel with screws.

Size .....	3"	4"	5"	6"	8"
Each .....	\$ .25	\$ .30	\$ .35	\$ .40	\$ .65

Packed 3, 4 and 5" twelve in a box.  
6" six in a box. 8" three in a box.



No. SC1084 1/4

Heavy Barrel Bolts, same as SC1084 except with Flat Universal Keeper.

No. SC1084 1/4 Japanned Steel with screws.

Size .....	3"	4"	5"	6"
Each .....	\$ .25	\$ .30	\$ .35	\$ .40

Packed 3, 4 and 5" twelve in a box. 6" six in a box.

## HEAVY SQUARE NECK BOLTS



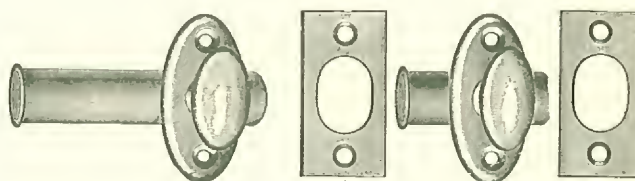
No. 1102

Wrought Steel Japanned Riveted Plates.

No. 1102—4" offset 1/2", each.....	\$ .65
6" offset 3/8", each.....	.85

Six in a box without screws.

## MORTISE DOOR BOLTS



Nos. 4850 to 4883 1/2

Nos. 4150 to 4183 1/2

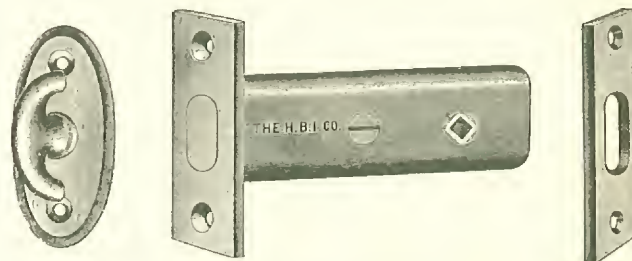
Diameter of case 3/16". Brass Metal Knob, Escutcheon and Bolt Case. Steel Bolt, Brass Plated.

2 1/2" size over all, 1 3/4" front to center of knob.

No. 4850	Antique Copper Finish, each.....	\$ .50
4851	Dull Brass Finish, each.....	.50
4883 1/2	Sand Old Brass Finish, each.....	.50
4842	Nickel Plated Finish, each.....	.50
	2 1/2" size over all, 1 3/4" front to center of knob.	
4150	Antique Copper Finish, each.....	.50
4151	Dull Brass Finish, each.....	.50
4183 1/2	Sand Old Brass Finish, each.....	.50
4142	Nickel Plated Finish, each.....	.50

All above twelve in a box with screws.

## HEAVY MORTISE DOOR BOLTS



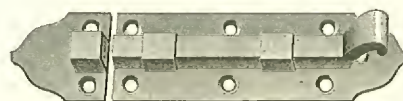
Nos. 5050 to 5283 1/2

Cast Bronze Front, Bolt, Strike, Knob and Escutcheon. Cast Iron Case 1 1/4" high by 1/2" thick. Hub for 3/8" square spindle. 3 1/2" Case over all, 2 1/2" front to center of knob.

No. 5050	Antique Copper Finish, each.....	\$ 1.40
5034	Polished Bronze Finish, each.....	1.40
5051	Dull Brass Finish, each.....	1.40
5083 1/2	Sand Old Brass Finish, each.....	1.50
5022	Dull Nickel Finish, each.....	1.50
5042	Nickel Plated Finish, each.....	1.50
	2" Case over all, 1 3/4" front to center of knob.	
No. 5251	Dull Brass Finish, each.....	\$ 1.25
5283 1/2	Sand Old Brass Finish, each.....	1.35
50242	Nickel Plated Finish, each.....	1.35

Six in a box with screws.

## WROUGHT SPRING BOLTS



Light Pattern, Riveted Plates

Japanned Steel	Wrought Brass
No. 1152.....2 1/2" 3" No. 1153.....2 1/2" 3"	
Each .....	\$ .15 \$ .18 Each .....

Twelve in a box without screws.

## WROUGHT NECK BOLTS



Light Pattern, Riveted Plates

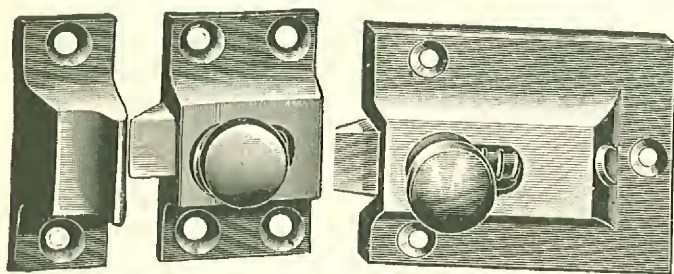
Japanned Steel	Wrought Brass
No. 1154.....2 1/2" 3" No. 1155.....2 1/2" 3"	
Each .....	\$ .15 \$ .18 Each .....

Twelve in a box without screws.



## CUPBOARD CATCHES

CUTS FULL SIZE



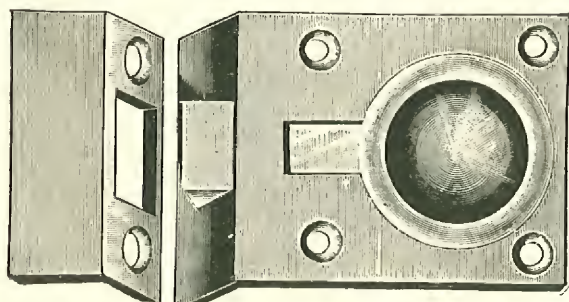
Nos. P0398 and 2219

Nos. P0425 and 2220

No.	Finish	Metal	Size	Each
P0398 AC	Antique Copper	Cast Iron	1 1/2 x 1 "	\$ .25
P0398 OB	Dull Brass	" "	1 1/2 x 1 "	.25
P0398 OBS	Sand Old Brass	" "	1 1/2 x 1 "	.28
P0398 N	Nickel Plated	" "	1 1/2 x 1 "	.28
P0398 DN	Dull Nickel	" "	1 1/2 x 1 "	.28
2219 OB	Dull Brass	Cast Brass	1 1/4 x 7/8 "	.45
2219 OBS	Sand Old Brass	" "	1 1/4 x 7/8 "	.50
2219 N	Nickel Plated	" "	1 1/4 x 7/8 "	.50
P0425 AC	Antique Copper	Cast Iron	1 1/2 x 1 1/2 "	.27
P0425 OB	Dull Brass	" "	1 1/2 x 1 1/2 "	.27
P0425 OBS	Sand Old Brass	" "	1 1/2 x 1 1/2 "	.30
2220 OB	Dull Brass	Cast Brass	1 1/4 x 1 1/2 "	.50
2220 OBS	Sand Old Brass	" "	1 1/4 x 1 1/2 "	.55
2220 N	Nickel Plated	" "	1 1/4 x 1 1/2 "	.55

Iron Catches 24 in a box with screws.  
Brass Catches 12 in a box with screws.

## FLUSH CUPBOARD CATCHES

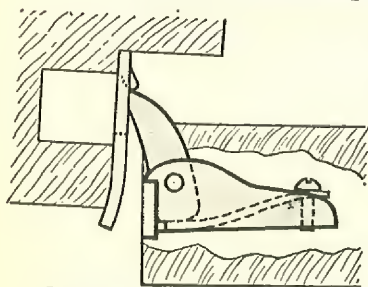


No. 2180 Full Size.

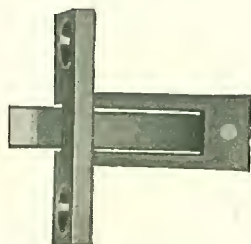
No.	Finish	Metal	Size	Each
2170 OB	Dull Brass	Cast Brass	1 3/8 x 1 "	\$ .50
2180 OB	" "	" "	1 3/8 x 1 3/4 "	.65
2181 OB	" "	" "	2 x 2 1/8 "	.90

Twelve in a box with screws.

## HAGSTROM FRICTION CATCHES



Sectional view showing catch entering strike.

No. 10 full size.  
No. 11 is larger.

For Cupboard Doors. Holds doors tightly closed. Keeps out dust and prevents rattle. Made of Bronze Metal, Plain Finish.

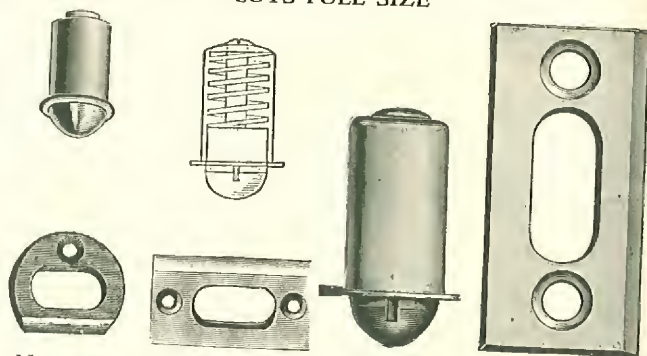
No. 10 For small doors, 5/8" to 1 1/8" thick, each. \$ .55

11 For large doors, 1 1/8" to 1 3/4" thick, each. .85

Twelve in a box with screws.

## FRICTION CATCHES

CUTS FULL SIZE



No. 9464

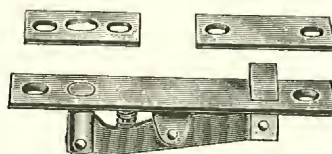
No. 9475

No. 9478

No. 9480 is larger.

No.	Case	Strike	Dia.	Packed	Each
9464	1 1/8 x 3/8 "	Brass 5/8 "	1 1/8 "	144	\$ .05
9475	3/8 x 5/8 "	Brass 1 1/8 x 1 1/8 "	1 1/8 "	144	.10
9478	1/2 x 1 "	Brass 1 3/4 x 3/4 "	1 1/8 "	36	.20
9480	3/4 x 1 1/4 "	Iron 2 3/8 x 1 1/8 "	1 1/8 "	12	.40

Packed without screws.

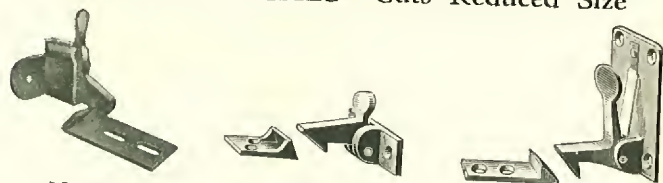
BOOK CASE CATCH OR BOLT  
CAST BRASSNo. 9452 Left Hand  
Cut Half Size

Twenty-four in a box without screws.

For Double Doors. Works automatically. Catch is mortised into the sill and into the head jamb. Strikes are applied to the door. If only one catch to a pair of doors is to be used, specify hand desired.

No. 9452 Book Case Catch.  
Each \$ .80

## ELBOW CATCHES—Cuts Reduced Size



No. 2617

No. 524

No. P1402

No.	Metal	Finish	Width	Projection	Each
2617	Steel	Dull Brass	1 1/8 "	1 1/8 "	\$ .10
524	Brass	Plain	1 1/4 "	1 1/8 "	.25
P1402	Brass	Dull Brass	1 "	1 1/4 "	.70

No. 2617 seventy-two in a box with screws.

No. 524 twenty-four in a box with screws.

No. P1402 twelve in a box with screws.

## DOOR BUTTONS—Cuts Reduced Size



No. 48

No. 50

No. 550 3/4

No. 48 Cast Iron Japanned.

Size	Each	1"	1 1/4"
Size	Each	1 1/2"	2"

No. 50 Cast Iron Japanned.

No. 50 Cast Iron Japanned.			
Size	1 1/2"	2"	2 1/2"
Each	\$ .02	\$ .03	\$ .04
No. 55034 Wrought R. ....			

No. 550 3/4 Wrought Brass, Polished, with screws.

Size	1 1/4"	1 1/2"	2"
Each	\$ .05	\$ .06	\$ .07

Door Buttons are packed without screws.

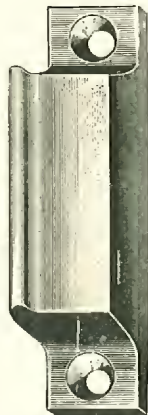
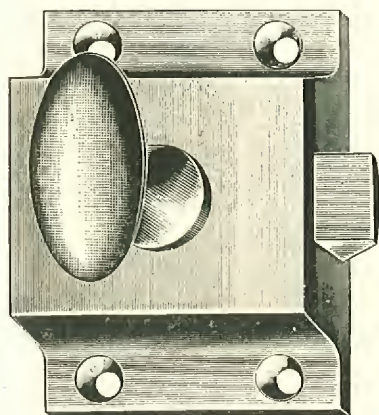
No. 48 and No. 50, 1 1/2" and 2", 144 in a box.

No. 50, 2 1/2" and No. 550 3/4", 72 in a box.



## CUPBOARD TURNS

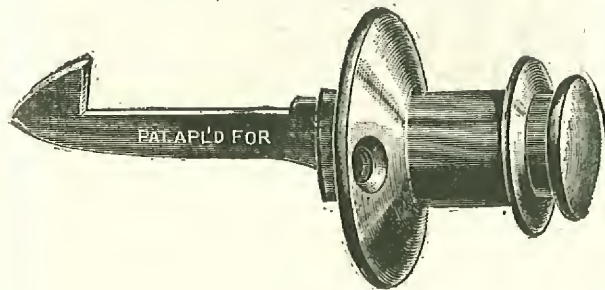
CUTS FULL SIZE

Nos. 53040 to 53083½  
Size 2½x2"

No.	Finish	Metal	Each
53049	Antique Copper	Cast Iron	\$.40
53039¾	Polished Bronze	" "	.40
53043	Dull Brass	" "	.40
53073½	Sand Old Brass	" "	.45
53040	Nickel Plated	" "	.45
53048	Bower Barff	" "	.60
53050	Antique Copper	Cast Bronze	.80
53034	Polished Bronze	" "	.80
53051	Dull Brass	Cast Brass	.80
53083½	Sand Old Brass	" "	.90
53042	Nickel Plated	" "	.90

Twelve in a box with screws.

## PUSH, PULL CATCHES.

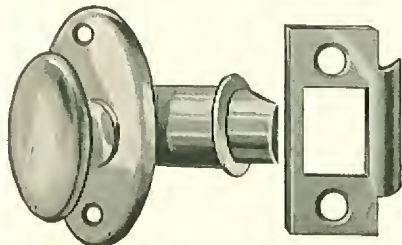


No. 9400

Catch is released by thumb pressing on the knob. For doors up to 1⅜" thick. Round base 1½" diameter. Wrought Brass Knob and Base.

No. 9400 AC	Antique Copper Fin.	Each	\$.70
9400 OB	Dull Brass Fin.	Each	.70
9400 OBS	Sand Old Brs. Fin.	Each	.75
9400 N	Nickel Plated Fin.	Each	.75

Twelve in a box with screws.



No. 1382

Case ⅞" Dia. by 1⅜" long, Backset 1⅜".

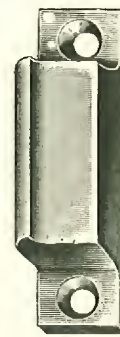
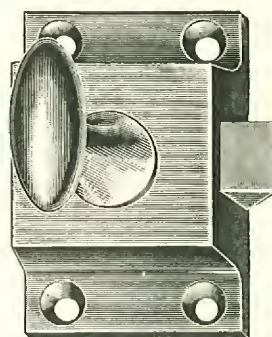
No. 1382 OB	Dull Brass, Brass Metal, Each	\$.70
1382 N	Nickel Plated Brass Metal, Each	.80

Twelve in a box with screws.

MORTISE  
CUPBOARD  
TURNS

## Tubular Case

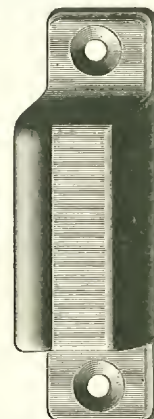
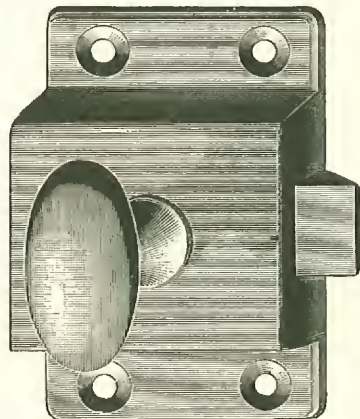
Bore one hole for case and one hole for spindle. Quickly applied. Fine appearance.

Nos. 54040 to 54083½  
Size 1½x1½"

No.	Finish	Metal	Each
54049	Antique Copper	Cast Iron	\$.35
54039¾	Polished Bronze	" "	.35
54043	Dull Brass	" "	.35
54073½	Sand Old Brass	" "	.40
54040	Nickel Plated	" "	.40
54002	Dull Nickel	" "	.40
54051	Dull Brass	Cast Brass	.75
54034	Polished Bronze	Cast Bronze	.75
54083½	Sand Old Brass	Cast Brass	.85
54042	Nickel Plated	" "	.85
54022	Dull Nickel	" "	.85

Twelve in a box with screws.

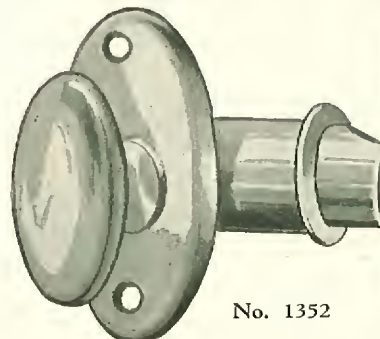
## WROUGHT STEEL CUPBOARD TURNS



Nos. 626 to 636, size 2½x2"

No.	Finish	Metal	Each
628	Antique Copper	Wrought Steel	\$.20
630	Dull Brass	" "	.20
636	Sand Old Brass	" "	.22
632	Nickel Plated	" "	.22

Twelve in a box with screws.



No. 1352

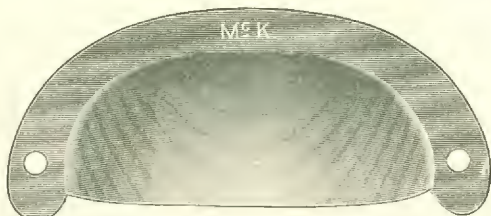
Case ⅝" Dia. by 1⅞" long, Backset 1".

No. 1352 OB	Dull Brass, Brass Metal, Each	\$.85
1352 N	Nickel Plated, Brass Metal, Each	\$.95



## CUTS REDUCED SIZE

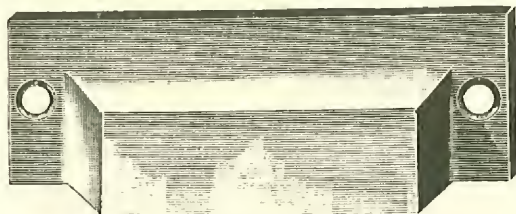
## DRAWER PULLS



Nos. 2871 and P1206¾

No.	Finish	Metal	Size	Each
2871	AC Antique Copper	Wrt. Steel	3¾"	\$.06
2871	OB Dull Brass	" "	3¾"	.06
2871	OBS Sand Old Brass	" "	3¾"	.07
P 206¾	BB Bower Barff	" "	3½"	.12
P1206¾	AC Antique Copper	Wrt. Bronze	3½"	.15
P1206¾	OBS Sand Old Brass	Wrt. Brass	3½"	.15
P1206¾	OB Dull Brass	" "	3½"	.15
P1206¾	N Nickel Plated	Wrt. Bronze	3½"	.15
P1206¾	PB Polished Bronze	" "	3½"	.15

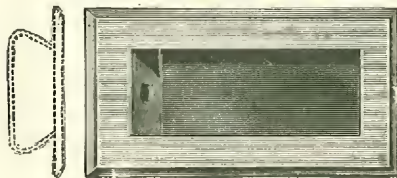
No. 2871 packed 24 in a box with screws.  
 No. P1206¾ Packed 12 in a box with screws.



No. P1240

No.	Finish	Metal	Size	Each
P1240	OB Dull Brass	Cast Brass	1½x4"	\$.50
P1240	OBS Sand Old Brass	" "	1½x4"	.55
P1240	N Nickel Plated	Cast Bronze	1½x4"	.55

Twelve in a box with screws.



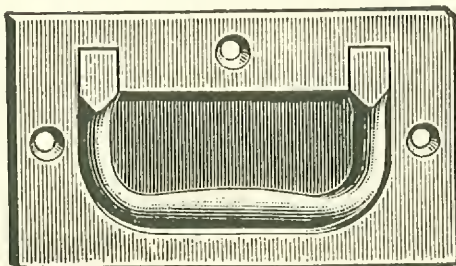
Nos. 10419, 10419½ and 10420

## FLUSH DRAWER PULLS

See sectional view.

No.	Finish	Metal	Size	Each
10419½	OB Dull Brass	Wrt. Steel	1¾x3½"	\$.30
10419	OB " "	Wrt. Brass	1¾x3¼"	.40
10420	OB " "	Cast Brass	1¾x3¼"	.70

Twenty-four in a box with screws.



Nos. 563 and 564

## FLUSH DROP HANDLE PULLS

No.	Finish	Metal	Size	Each
563	Polished Brass	Cast Brass	2 x 3½"	\$.75
564	Polished Brass	Cast Brass	2¼x4"	.90

Twelve in a box with screws.



Nos. 1909¼, 1919¼ and 1929¼

No.	Finish	Metal	Size	Each
1929¼	Brass Plated	Wrt. Steel	2¼x3⅝"	\$.04
1919¼	" "	" "	2¾x1½"	.05
1909¼	" "	" "	3¾x⅝"	.06

144 in a box without screws.



No. 50551 and 50542

No.	Finish	Metal	Size	Each
50551	Dull Brass	Cast Brass	3¾x1¼"	\$.40
50542	Nickel Plated	Cast Bronze	3¾x1¼"	.45

Twelve in a box with screws.



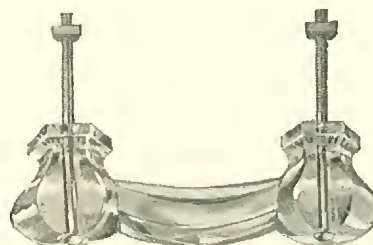
No. 1970

## WOOD DRAWER PULLS

Attached with machine screws from back. 3" distance center to center of screws.

No. 1970 Unfinished Oak 1½x4", each.....\$.45

Twenty-four in a box with screws.



Nos. 36H and 136H

## GLASS DRAWER PULLS

3" distance center to center of screws. 1⅝" projection.  
 Nickel Plated Bolts.

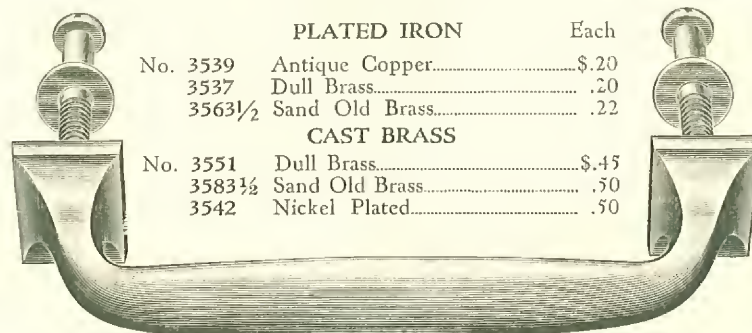
No.	Each
36H Clear Glass.....	\$.50
136H Opal Glass.....	.65

Twelve in a box with bolts.



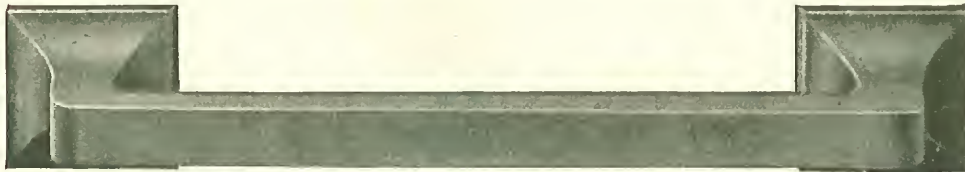
## DRAWER PULLS

## FULL SIZE CUTS



PLATED IRON		Each
No. 3539	Antique Copper.....	\$.20
3537	Dull Brass.....	.20
3563½	Sand Old Brass.....	.22
CAST BRASS		
No. 3551	Dull Brass.....	\$.45
3583½	Sand Old Brass.....	.50
3542	Nickel Plated.....	.50

Nos. 3539 to 3583½—3½" distance center to center of screws.



Nos. 6551 to 1245 Full size of No. 1245.

No. 6551	Cast Brass, Dull Brass Finish, 2½" distance center to center of screws, each.....	\$.35
6550	Cast Brass, Dull Brass Finish, 3 " distance center to center of screws, each.....	.40
6549	Cast Brass, Dull Brass Finish, 3½" distance center to center of screws, each.....	.50
1245	Cast Brass, Dull Brass Finish, 4¼" distance center to center of screws, each.....	.60



No. 2363—3½" distance center to center of screws.

No. 2363	Cast Brass, Dull Brass Finish, each.....	\$.65
----------	--	-------



No. 00269 Actual length 4¼"

No. 00269	Cast Brass, Dull Brass Finish, 3½" distance center to center of screws, each.....	\$.50
-----------	---	-------



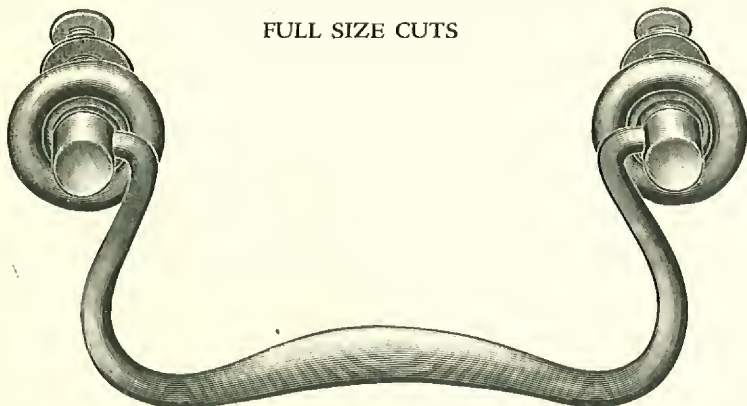
Nos. 1247 to 1249 Full size of No. 1247.

No. 1247	Cast Brass, Dull Brass Finish, 3½" distance center to center of screws, each.....	\$.60
1248	Cast Brass, Dull Brass Finish, 4 " distance center to center of screws, each.....	.65
1249	Cast Brass, Dull Brass Finish, 4½" distance center to center of screws, each.....	.70

All Pulls on this page twelve in a box with machine screws.



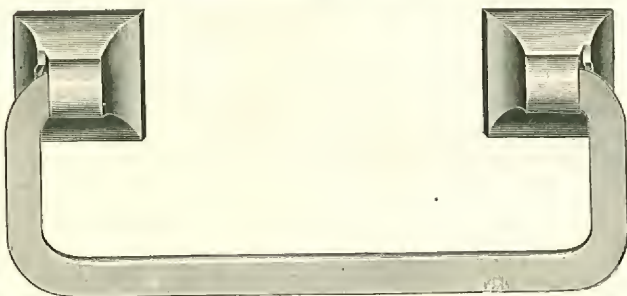
## FULL SIZE CUTS



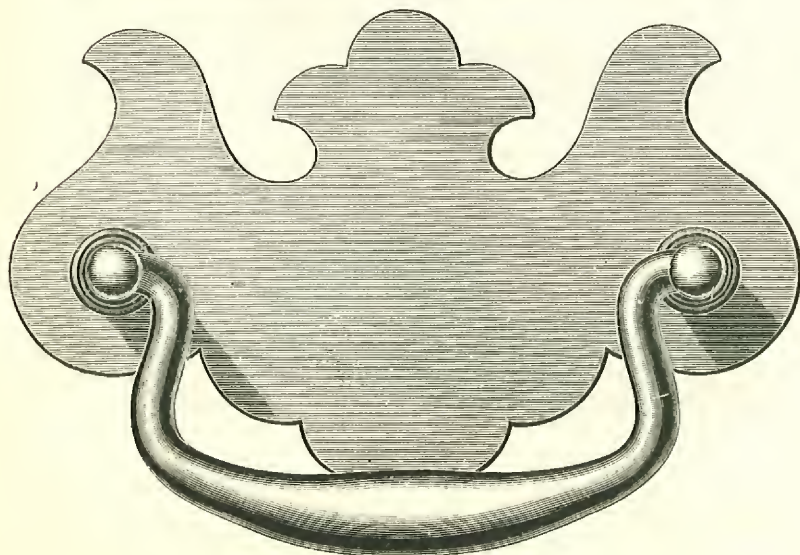
No. 5623



Nos. 5806 and 5805, Full size of No. 5805



No. 5619



No. 349

## DROP HANDLES

3" distance center to center of screws.

Swell Bail.

No. 5623 Brass Plated Steel.....Each \$ .20

*Thirty-six in a box with machine screws.*

Cast Brass

Dull Brass Finish

No. 5806 OB 3 " C. to C.....Each \$ .55

5805 OB 3 1/2" C. to C..... .60

*Twelve in a box with machine screws.*

Cast Brass

Dull Brass Finish

No. 5619 OB 2 3/8" C. to C.....Each \$ .60

*Twelve in a box with machine screws.*

Cast Brass Posts and Bail

Heavy Wrought Brass Back Plate

Dull Brass Finish

No. 349 OB 3" Center to Center.....Each \$ .50

*Twelve in a box with machine screws*



## DROP HANDLES

CUTS FULL SIZE



Nos. 1543 and 1544

Full size of 1544.

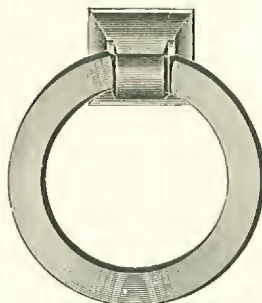
Cast Brass, Dull Brass Finish

No. 1543 OB  $1\frac{1}{4}$ " Ring,  $1\frac{1}{8}$ " Plate.

Each .....\$ .40

No. 1544 OB  $1\frac{3}{4}$ " Ring,  $1\frac{5}{8}$ " Plate.

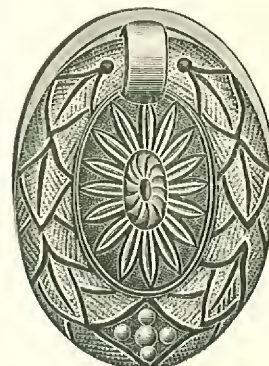
Each .....\$ .50



Nos. 5617 and 5618

Full size of No. 5617

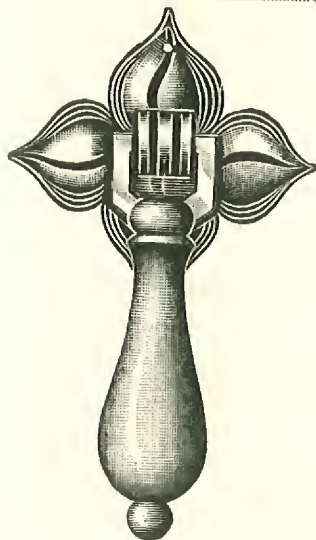
Cast Brass, Dull Brass Finish.

No. 5617 OB  $1\frac{3}{8}$ " Ring. Each.....\$ .35No. 5618 OB  $1\frac{1}{4}$ " Ring. Each.....\$ .45

Nos. 6401 and 6356

Full size of No. 6401.

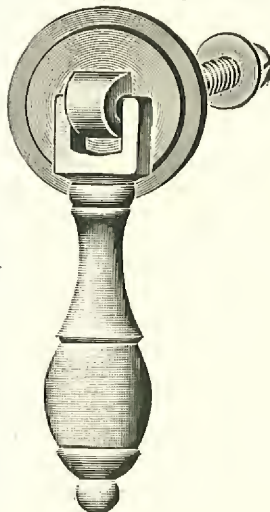
Cast Brass, Old English Finish.

No. 6401 OE  $1\frac{7}{8} \times 1\frac{3}{8}$ ", each.....\$ .506356 OE  $2\frac{3}{8} \times 1\frac{7}{8}$ ", each..... .60

No. 1133

Cast Brass, Old English Finish.

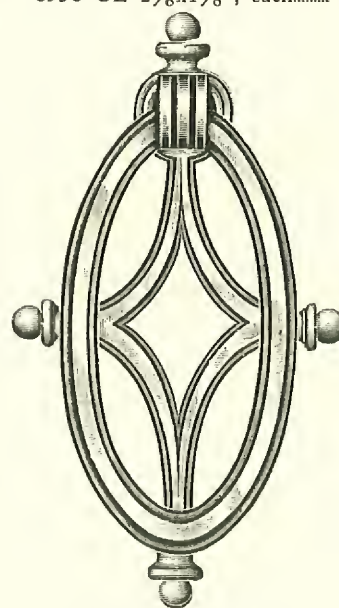
No. 1133 OE, each.....\$ .35



No. 1115

Cast Brass, Old English Finish.

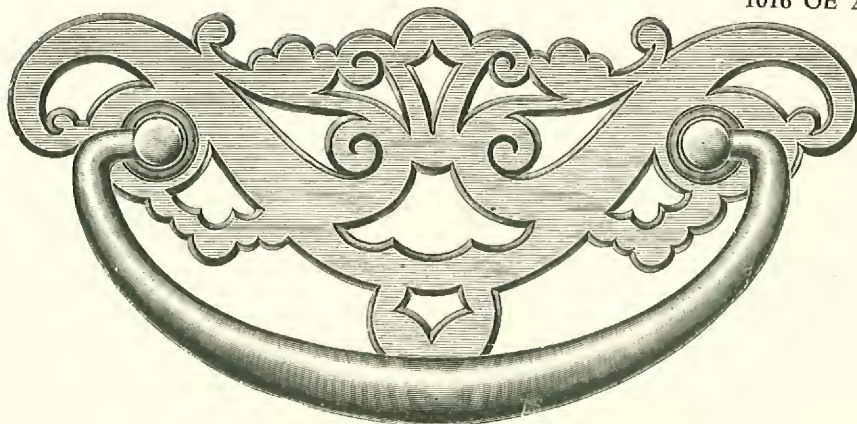
No. 1115 OE, each.....\$ .35



Nos. 1015 and 1016

Full size of No. 1015.

Cast Brass, Old English Finish.

No. 1015 OE  $3 \times 1\frac{3}{4}$ ", each.....\$ .401016 OE  $2\frac{3}{8} \times 1\frac{3}{8}$ ", each..... .35

No. 5384

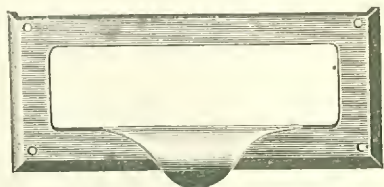
Cast Brass, Dull Brass Finish.

No. 5384 OB 3" Distance center to center, each.....\$ .60

All handles on this page, twelve in a box with machine screws.

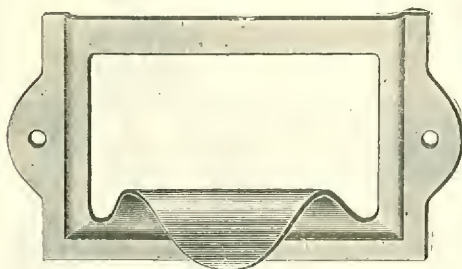


## CARD HOLDERS AND PULLS

No. 1906  $\frac{1}{4}$  Full Size.

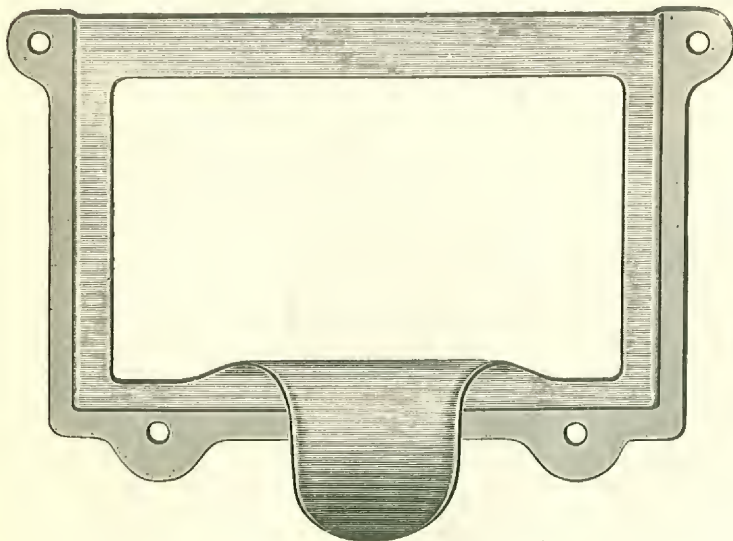
Polished Wrought Brass.

No. 1906  $\frac{1}{4}$  Card Space,  $1\frac{1}{8} \times \frac{3}{4}$ " ..... Each  
 ..... \$.07

*Thirty-six in a box with brass pins.*No. 1901  $\frac{1}{4}$  Full Size.

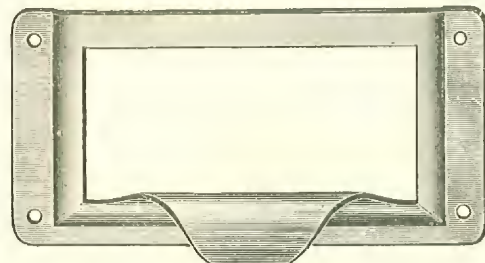
Polished Wrought Brass.

No. 1901  $\frac{1}{4}$  Card Space,  $1\frac{3}{4} \times 1\frac{1}{8}$ ", each ..... \$.10

*Thirty-six in a box with round head brass screws.*No. 1904  $\frac{1}{4}$  Full Size.

Polished Wrought Brass.

No. 1904  $\frac{1}{4}$  Card Space,  $3 \times 2\frac{1}{8}$ " each ..... \$.25

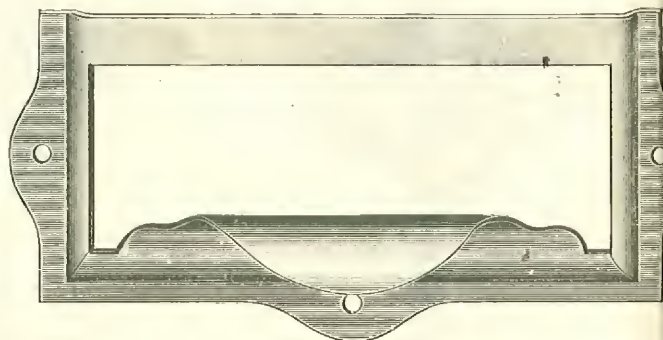
*Thirty-six in a box with round head brass screws.*No. 1902  $\frac{1}{4}$  Full Size.

Nos. 1885  $\frac{1}{4}$  and 1925  $\frac{1}{4}$  are larger.  
 Polished Wrought Brass.

No. 1902  $\frac{1}{4}$  Card Space,  $2 \times 1\frac{1}{8}$ " ..... Each  
 1885  $\frac{1}{4}$  Card Space,  $2\frac{1}{4} \times 1$ " ..... \$.10  
 1925  $\frac{1}{4}$  Card Space,  $2\frac{1}{2} \times 1$ " ..... .12

*No. 1902  $\frac{1}{4}$  packed with brass pins.*

*Nos. 1885  $\frac{1}{4}$  and 1925  $\frac{1}{4}$  packed with round head brass  
 screws. Thirty-six in a box.*

No. 1905  $\frac{1}{4}$  Full Size.

Polished Wrought Brass.

No. 1905  $\frac{1}{4}$  Card Space  $2\frac{7}{8} \times 1\frac{3}{8}$ ", each ..... \$.10

*Thirty-six in a box with round head brass screws.*

Nos. 3743 to 3751 Full Size.

## DRUGGIST DRAWER PULLS

Cast Iron, Polished before Plating.

No. 3749 Antique Copper Finish ..... Each  
 3743 Dull Brass Finish ..... \$.35

Cast Brass.

No. 3750 Antique Copper Finish ..... \$.50  
 3751 Dull Brass Finish ..... .50

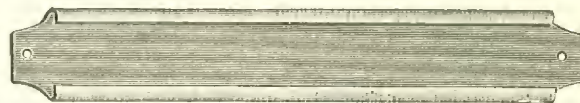
*Twelve in a box with screws.*



## CARD HOLDERS AND NAME PLATES

SPRING  
PAPER CLIPNo. 15070  
Full Size

No. 8 Full Size—No. 7 is longer.

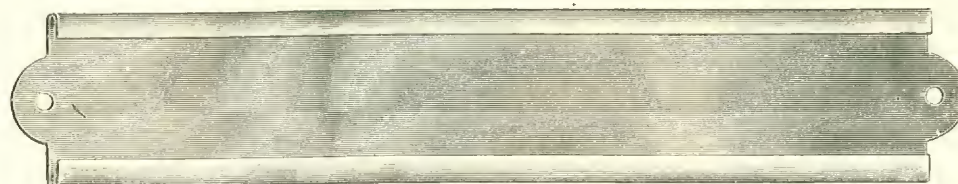


Nos. 010, 011 and 012 Full Size of 011.

Plain Wrought Brass Name Plates.

No. 8— $2\frac{3}{8} \times \frac{3}{8}$ "	each.....	\$.04	No. 010— $2\frac{1}{2} \times \frac{1}{2}$ "	each.....	\$.05
7— $4 \times \frac{3}{8}$ "	each.....	.05	011— $3 \times \frac{1}{2}$ "	each.....	.05
			012— $3\frac{1}{2} \times \frac{1}{2}$ "	each.....	.05

144 in a box with brass pins.



Nos. 030 and 032 Full Size of No. 032.

Plain Wrought Brass Name Plates.

No. 030— $4 \times \frac{7}{8}$ "	with pins, each.....	\$.06
032— $5 \times \frac{7}{8}$ "	with pins, each.....	.07

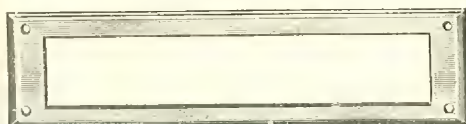
144 in a box.

SPRING PAPER CLIP

Wrought Brass.

No. 15070— $2\frac{1}{2} \times \frac{3}{8}$ "	each.....	\$.05
--	-----------	-------

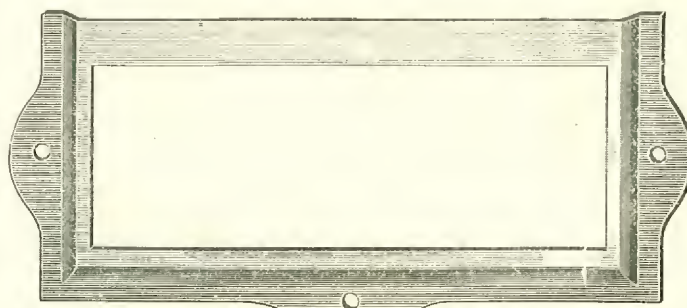
144 in a box without screws.

No. 1918  $\frac{1}{4}$  Full Size.

Polished Wrought Brass Card Holders.

No. 1918 $\frac{1}{4}$ Card Space $2\frac{1}{8} \times \frac{1}{2}$ "	each.....	\$.07
---	-----------	-------

36 in a box with brass pins

No. 1915  $\frac{1}{4}$  Full Size—No. 1894  $\frac{1}{4}$  is larger.

Polished Wrought Brass Card Holders.

No. 1915 $\frac{1}{4}$ Card Space, $2\frac{7}{8} \times 1\frac{1}{4}$ "	each.....	\$.12
1894 $\frac{1}{4}$ Card Space, $4\frac{1}{2} \times 1\frac{1}{8}$ "	each.....	.20

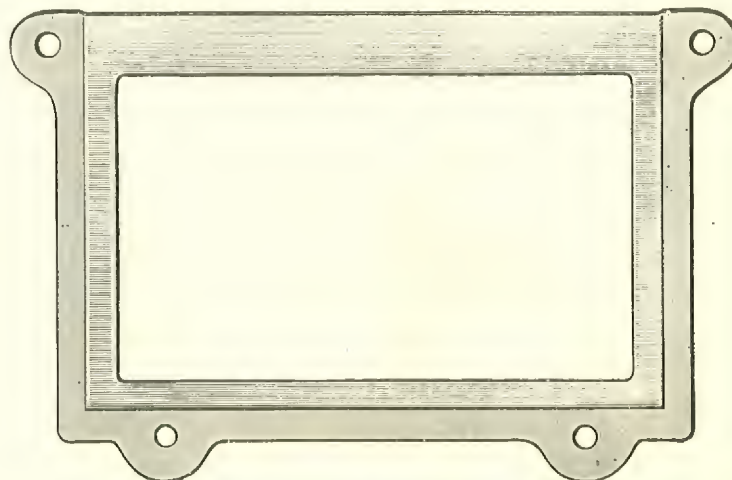
36 in a box with brass pins.

No. 1911  $\frac{1}{4}$  Full Size—No. 1913  $\frac{1}{4}$  is larger.

Polished Wrought Brass Card Holders.

No. 1911 $\frac{1}{4}$ Card Space, $1\frac{3}{4} \times 1\frac{1}{8}$ "	each.....	\$.06
1913 $\frac{1}{4}$ Card Space, $2\frac{7}{8} \times 1\frac{1}{4}$ "	each.....	.09

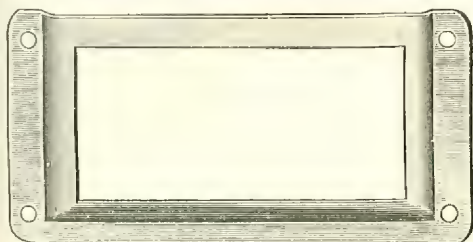
36 in a box with brass pins.

No. 1914  $\frac{1}{4}$  Full Size.

Polished Wrought Brass Card Holders.

No. 1914 $\frac{1}{4}$ Card Space, $3 \times 2\frac{1}{8}$ "	each.....	\$.20
--	-----------	-------

36 in a box with brass pins.

No. 1912  $\frac{1}{4}$  Full Size—Nos. 1935  $\frac{1}{4}$  and 01923  $\frac{1}{4}$  are larger.

Polished Wrought Brass Card Holders.

No. 1912 $\frac{1}{4}$ Card Space, $2 \times 1\frac{1}{8}$ "	each.....	\$.07
1935 $\frac{1}{4}$ Card Space, $2\frac{1}{2} \times 1$ "	each.....	.08

36 in a box with Brass Pins.

Brass Plated Steel Card Holders.

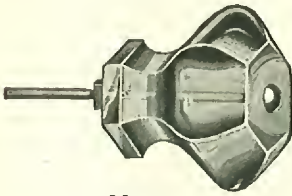
No. 01923 $\frac{1}{4}$ Card Space, $4\frac{7}{8} \times 3\frac{1}{4}$ "	each.....	\$.25
--	-----------	-------

36 in a box without screws.

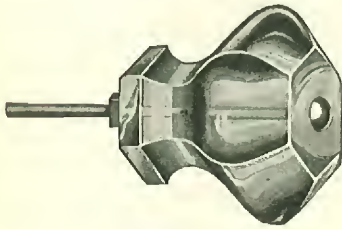


## GLASS DRAWER KNOBS

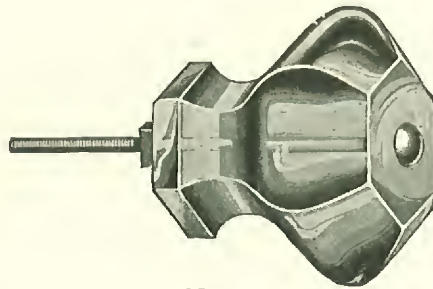
CUTS FULL SIZE.



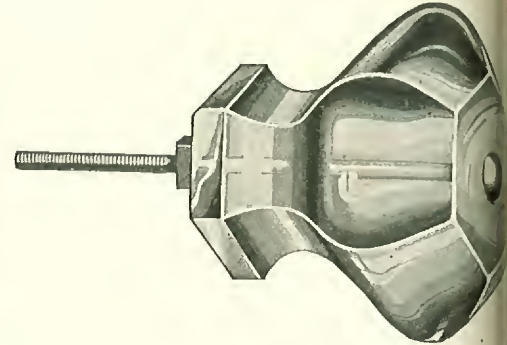
No. 29



No. 30



No. 31

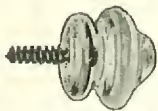


No. 32

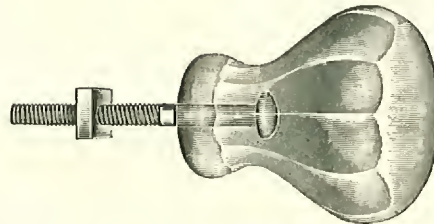
Polished Face.

With Nickel Plated Bolts and Nuts.

No. 29— $\frac{7}{8}$ "	Clear Glass, each.....	\$.15
30— $1\frac{1}{8}$ "	Clear Glass, each.....	.20
31— $1\frac{3}{8}$ "	Clear Glass, each.....	.25
32— $1\frac{3}{4}$ "	Clear Glass, each.....	.30

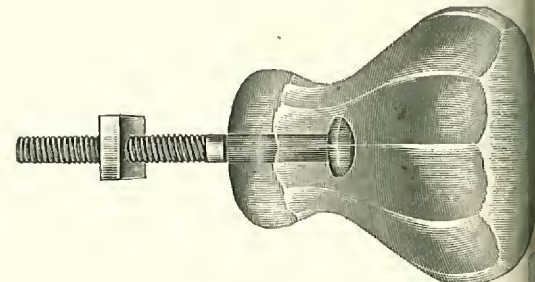


No. 13

Midget Glass Knob with  
embedded wood screw.  
EachNo. 13— $\frac{1}{2}$ " Clear  
Glass .....\$.10  
36 on a card.

Nos. 11 and 9515

No.	Size	Material	Each
No. 10—1 "	Clear Glass.....		\$.20
11— $1\frac{1}{8}$ "	Clear Glass.....		.25
12— $1\frac{3}{8}$ "	Clear Glass.....		.30



Nos. 12 and 9516

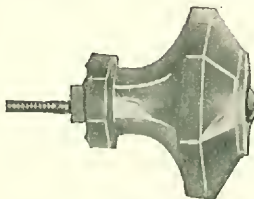
No.	Size	Material	Each
No. 9514— $\frac{7}{8}$ "	Opal Glass.....		\$.25
9515— $1\frac{1}{8}$ "	Opal Glass.....		.30
9516— $1\frac{3}{8}$ "	Opal Glass.....		.35



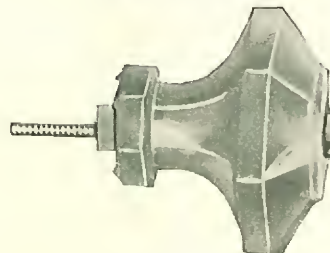
No. 14

Midget Glass Knob  
with bolt.No. 14— $\frac{1}{2}$ " Clear  
Glass .....\$.10  
36 on a card.

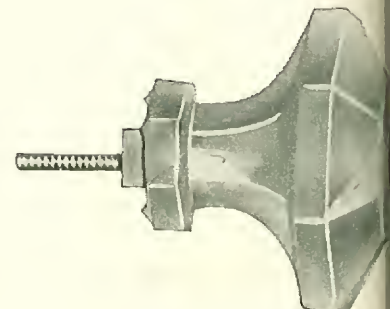
OCTAGONAL



No. 101



No. 102



No. 103

Polished Face.

With Nickel Plated Bolts and Nuts.

No. 101—1 "	Clear Glass, each.....	\$.20
102— $1\frac{1}{4}$ "	Clear Glass, each.....	.25
103— $1\frac{1}{2}$ "	Clear Glass, each.....	.30

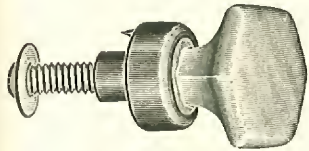
Glass Drawer Knobs all packed twelve in a box, except Nos. 13 and 14.



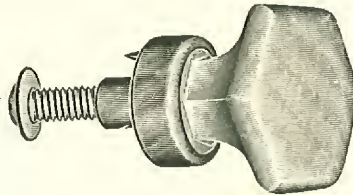
## GLASS DRAWER KNOBS

CUTS FULL SIZE.

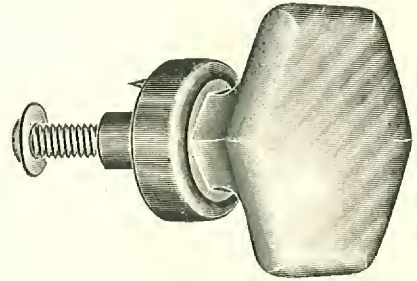
## HEXAGONAL



No. 6718 Opal



No. 6717 Opal

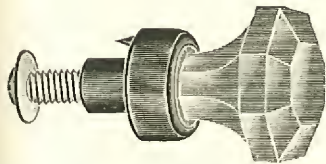


No. 6716 Opal

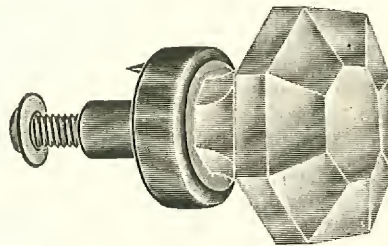
Nickel Plated Solid Brass Base with Machine Screw.

No. 6718— $\frac{3}{4}$ "	Opal Glass, each.....	\$.40
6717—1"	Opal Glass, each.....	.45
6716— $1\frac{3}{8}$ "	Opal Glass, each.....	.50

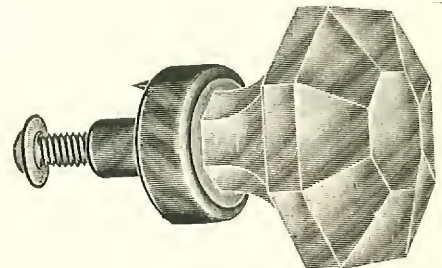
## OCTAGONAL



No. 6390



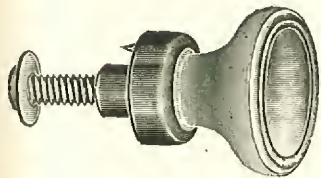
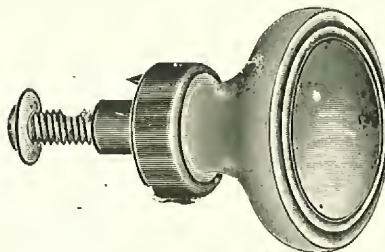
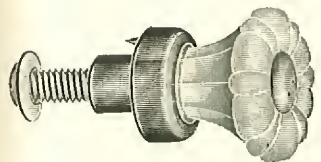
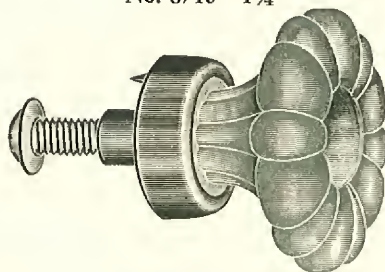
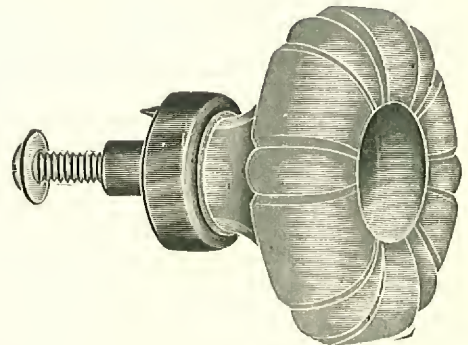
No. 6389



No. 6388

Dull Brass Finish, Solid Brass Base with Machine Screw.

No. 6390— $\frac{3}{4}$ "	Clear Glass, each.....	\$.35
6389— $1\frac{1}{8}$ "	Clear Glass, each.....	.40
6388— $1\frac{3}{8}$ "	Clear Glass, each.....	.45
6387— $1\frac{3}{4}$ "	Clear Glass, each.....	.55

No. 6709— $\frac{7}{8}$ "No. 6710— $1\frac{1}{4}$ "No. 9185— $\frac{3}{4}$ "No. 9186— $1\frac{3}{8}$ "No. 9187— $1\frac{3}{4}$ "

Wrought Brass Base with Machine Screw.

No. 6707— $\frac{7}{8}$ "	Clear Glass, Round Pattern, each.....	\$.35
6710— $1\frac{1}{4}$ "	Clear Glass, Round Pattern, each.....	.40
9185— $\frac{3}{4}$ "	Clear Glass, Rose Pattern, each.....	.30
9186— $1\frac{3}{8}$ "	Clear Glass, Rose Pattern, each.....	.35
9187— $1\frac{3}{4}$ "	Clear Glass, Rose Pattern, each.....	.40

Glass Drawer Knobs all packed twelve in a box.

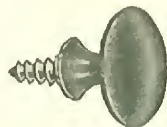


## BRASS DRAWER KNOBS

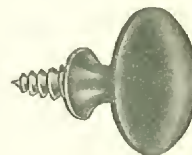
CUTS FULL SIZE.



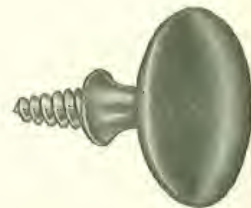
No. 602



No. 603



No. 604



No. 617

## ROUND WROUGHT BRASS KNOBS

With Wood Screw Inserted.

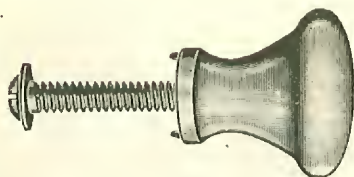
No.	Finish	Size	Each	No.	Finish	Size	Each
602 AC	Antique Copper	1/2"	\$.07	602 OB	Dull Brass	1/2"	\$.06
603 AC	"	3/8"	.08	603 OB	"	3/8"	.07
604 AC	"	3/4"	.09	604 OB	"	3/4"	.08
617 AC	"	1"	.10	617 OB	"	1"	.10

Twenty-four in a box.

## ROUND WROUGHT BRASS KNOBS

With Machine Screw.

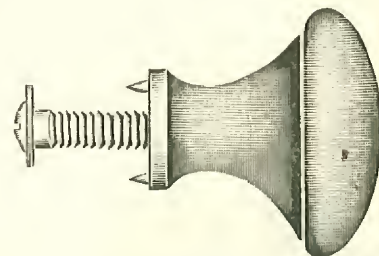
Reinforced Top.



No. 6107

No.	Finish	Size	Each
6107 AC	Antique Copper	7/8"	\$.25
6107 OB	Dull Brass	7/8"	.25
6107 N	Nickel Plated	7/8"	.25
6106 AC	Antique Copper	1 1/4"	.30
6106 OB	Dull Brass	1 1/4"	.30
6106 N	Nickel Plated	1 1/4"	.30

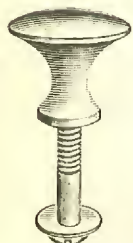
Thirty-six in a box.



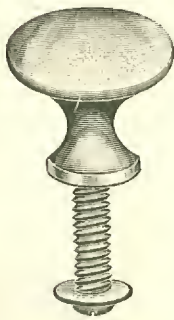
No. 6106

## CAST BRASS KNOBS

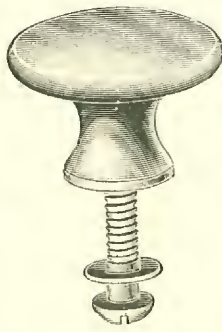
With Machine Screw.



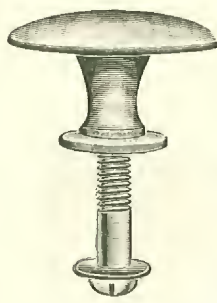
No. 6765



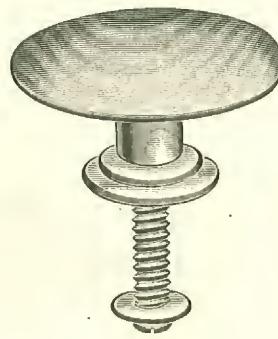
No. 5321



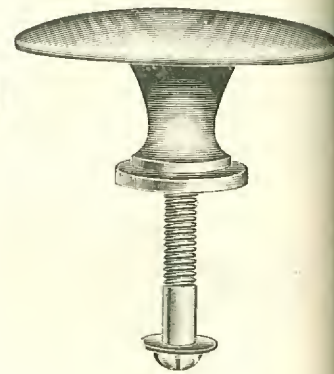
No. 5320



No. 124



No. 5661



No. 126

## ROUND KNOBS

No.	Finish	Size	Each
6765	Dull Brass	5/8" Dia.	\$.15
5321	"	7/8" Dia.	.35
5320	"	1 1/8" Dia.	.40

## OVAL KNOBS

No.	Finish	Size	Each
124	Dull Brass	1 1/8 x 3/4"	\$.35
5661	"	1 1/2 x 1"	.45
126	"	1 3/4 x 1"	.55

Twelve in a box.

## PERIOD KNOBS

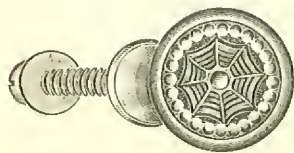
Cast Brass.

Old English Finish.

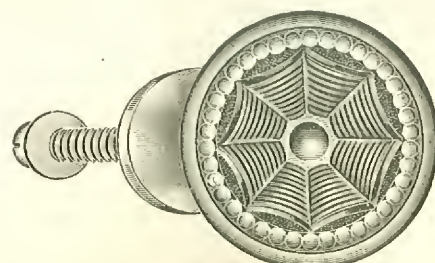
With Machine Screw.

No. 6312 OE— 3/4", each.....	\$.25
6313 OE—1 " , each.....	.30

Twelve in a box.



No. 6312



No. 6313



## WOOD DRAWER KNOBS

CUTS FULL SIZE.

Plain Round Pattern with Machine Screw.

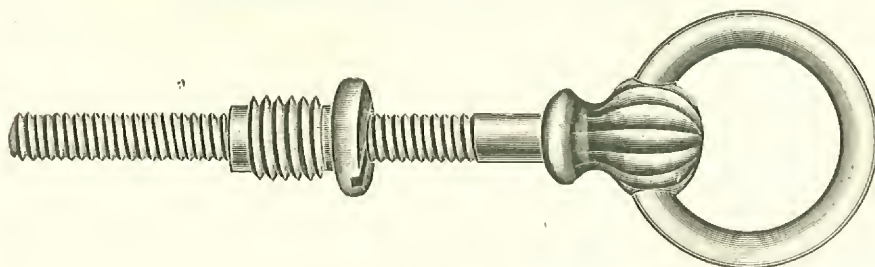
Unfinished Knobs are ready for filler and varnish.

	Size	1"	1¼"	1½"	1¾"	2"
Oak, Unfinished, Each.....		\$.06	\$.07	\$.08	\$.10	\$.12
Oak, Varnished, Each.....		.07	.08	.10	.12	.14
Mahogany, Unfinished, Each.....		.06	.07	.08	.10	.12

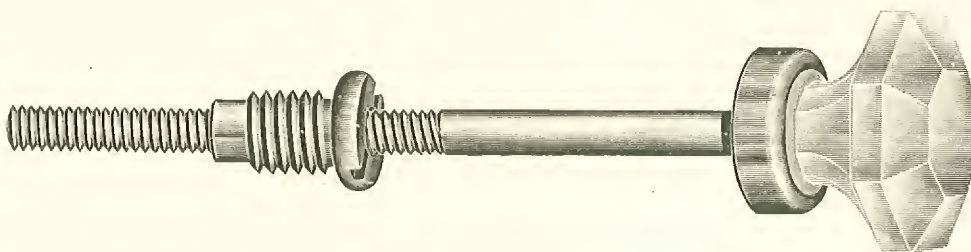
36 in a box.

Full size of 1¼"  
Wood Knob

## MIRROR OR TOILET SCREWS



No. 5664



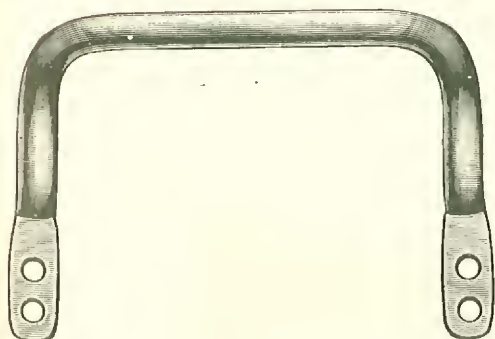
No. 6748

No. 5664 OB Dull Brass Finish, Cast Brass Metal, Each.....\$.70

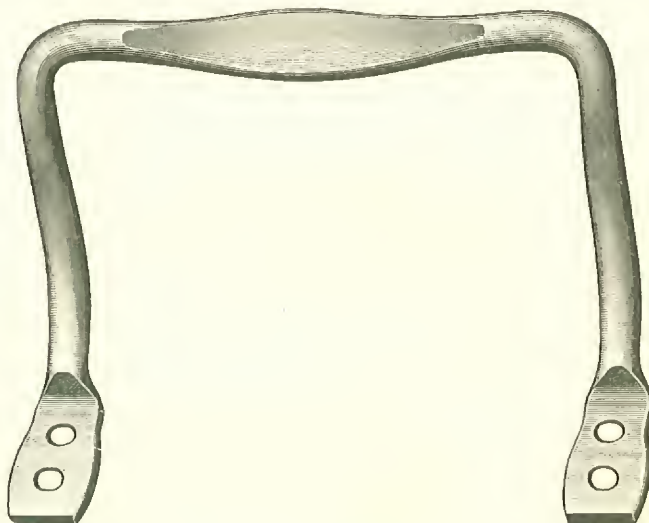
6748 OB Dull Brass Finish, Cast Brass Metal and Glass Knob, Each......85

12 in a box.

## TRAY HANDLES



No. 6397



No. 6631

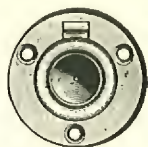
No. 6397 OB Dull Brass Finish, Wrought Brass Metal, Each.....\$.20

6631 OB Dull Brass Finish, Wrought Brass Metal, Each......30

36 in a box.



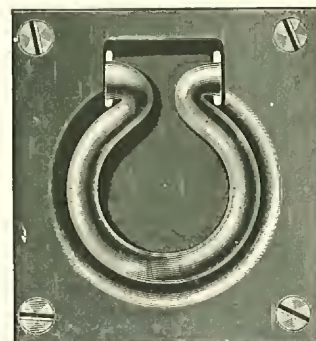
## FLUSH RINGS



No. 0520  
Cut Half Size



Nos. X315, P0530 and P1035  
Cut Half Size of P0530



No. 1215J-2  
Cut Half Size

No.	Finish	Metal	Size	Packed	Each
0520	Polished Brass	Cast Brass	1 3/8" Dia.	24 in a box	.....\$ .30
X 315	Polished Brass	Wrt. Brass	1 x 1 3/8"	36 in a box	..... .20.
X 315 N	Nickel Plated	" "	1 x 1 3/8"	36 in a box	..... .25
0530	Polished Brass	Cast Brass	1 7/8 x 1 1/2"	24 in a box	..... .40
P0530 AC	Antique Copper	" "	1 7/8 x 1 1/2"	24 in a box	..... .45
P0530 OB	Dull Brass	" "	1 7/8 x 1 1/2"	24 in a box	..... .45
P0530 OBS	Sand Old Brass	" "	1 7/8 x 1 1/2"	24 in a box	..... .50
P0530 N	Nickel Plated	" "	1 7/8 x 1 1/2"	24 in a box	..... .50
P1035 OB	Dull Brass	" "	2 1/2 x 2"	12 in a box	..... .70
1215J-2	Japanned	Wrt. Steel	3 3/4 x 3 1/2"	6 in a box	..... .45

No. X315 packed with oval head brass nails, other numbers packed with screws.

## LEATHER HANDLES

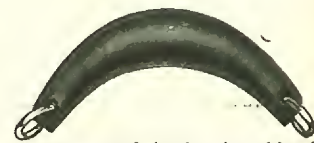
CUTS REDUCED SIZE



No. 5 Actual Size is 1 1/8 x 6 1/4"



No. 38 Actual Size is 1 x 8"



No. 28 Actual Size is 1 1/8 x 6"

No. 5 Tool Chest Handle, Solid Leather, with Malleable Loops, Each.....	.....\$ .60
38 Sample Case Handle, Cowhide Cover, with Plated Steel Clips, Each.....	..... .45
28 Suit Case Handle, Cowhide Cover, top seam, with rings, Each.....	..... .40



No. 7 Actual Size is 1 1/8 x 6 1/4"



No. 36 Actual Size is 1 5/8 x 10 1/2"

No. 7 Emergency Handle, Solid Leather reinforced ends, two buckles, Each.....	.....\$ .45
36 Rigid Handle, Split Leather, to be screwed or riveted to case, Each.....	..... .45



No. 35 Actual Size is 2 1/4 x 10"

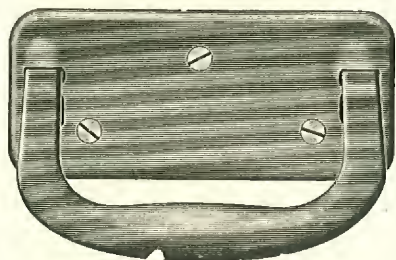
No. 35 Trunk or Chest Handle, Solid Leather, without loops. Each.....	.....\$ .45
---	-------------

Six leather handles in a box.



## CHEST HANDLES

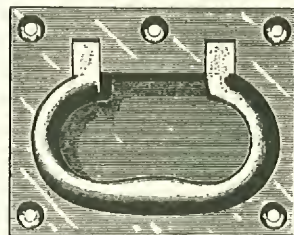
CUTS HALF SIZE



No. 1219  
Wrought Steel

No.	Finish	Size Plate	Per Pr.
1219 J	Japanned	2 7/8 x 5 1/2"	.....\$.50
1219 BP	Bright Bronze	2 7/8 x 5 1/2"	......75
1219 AC	Antique Copper	2 7/8 x 5 1/2"	......75

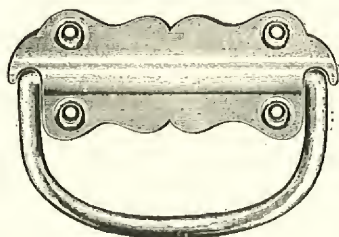
Three pairs in a box with screws.



Nos. 21, 22 and 23 Cast Iron  
Nos. 2440 and 2441 Cast Brass

No.	Material	Finish	Size	Per Pr.
21	Cast Iron	Japanned	2 3/8 x 3 "	.....\$ .40
22	"	"	2 5/8 x 3 1/2 "	......50
23	"	"	3 3/4 x 4 1/2 "	......75
2440	Cast Brass	Polished	2 1/4 x 3 "	.....2.80
2441	"	"	3 x 3 3/4 "	.....4.00

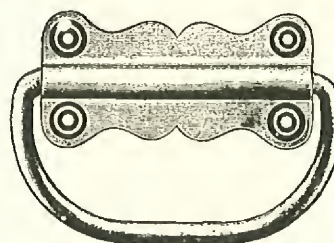
Iron, six pairs, Brass five pairs in a box  
without screws.



No. X0234 and X234  
Handle swings one way.  
Size 2 3/8 x 3 3/8" over all.

No.	Material	Finish	Per Pr.
X0234 PBs	Wrt. Steel	Brass Pltd.	.....\$.40
X0234 AC	"	Anti. Copper	......40
X 234 PBs	Wrt. Brass	Polished	......75

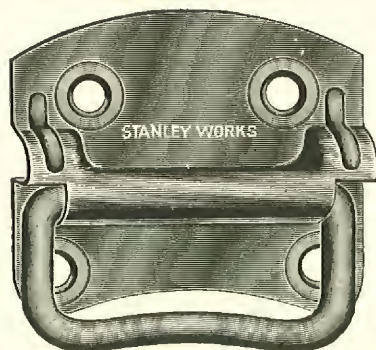
Twelve pairs in a box with screws.



Nos. X0235 and X235  
Handle swings both ways.  
Size 2 3/8 x 3 3/8".

No.	Material	Finish	Per Pr.
X0235 PBs	Wrt. Steel	Brass Pltd.	.....\$.40
X0235 AC	"	Anti. Copper	......40
X 235 PBs	Wrt. Brass	Polished	......75

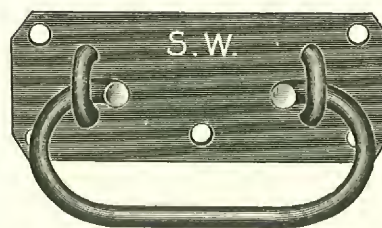
Twelve pairs in a box with screws.



No. 1205J  
Heavy Wrought Steel, Japanned.

No.	Width Handle	Size Plate	Per Pr.
1205J	3 1/2"	3 1/8 x 3 3/4"	.....\$.40
1205J	4 "	3 1/4 x 4 1/8"	......50
1205J	4 3/4"	4 1/4 x 5 "	......70

Three pairs in a box with screws.



No. 1208J-3

Light Wrought Steel Japanned.  
Holes are not countersunk for screws.

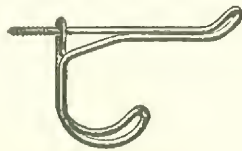
No.	Width Handle	Size Plate	Per Pr.
1208J-3	3 1/2"	1 3/4 x 4 1/2"	.....\$.40

Six pairs in a box without screws.



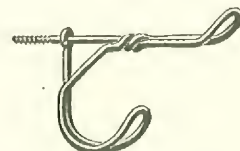
## COAT AND HAT HOOKS

ONE THIRD SIZE CUTS



No. 30

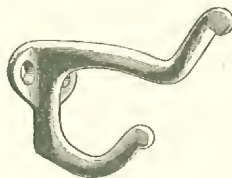
Projection 3"



Nos. 323 and 363

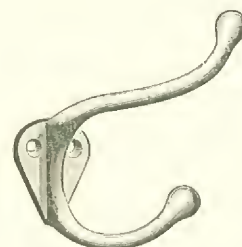
## WIRE COAT AND HAT HOOKS

No. 30	Coppered Steel Wire, No. 11 Gage, Each	.....	\$.02
323	Coppered Steel Wire, No. 11 Gage, Each	.....	.02
363	Retinned Steel Wire, No. 11 Gage, Each	.....	.03
72 Wire Hooks in a box.			

Nos. 93, 94, P937, 37 and 03640  
Projection 3 1/4"

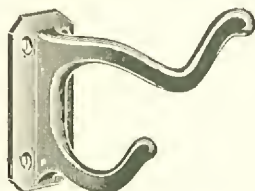
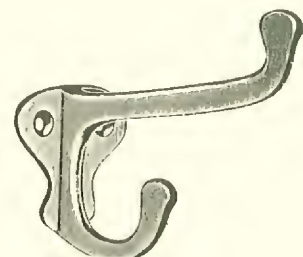
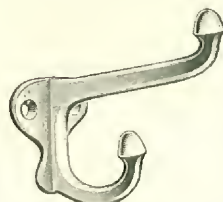
No.	Finish	Metal	Packed	Each
93	Japanned	Cast Iron	72	.....\$.07
94	Coppered	" "	72	......07
P937 AC	Anti. Copper	" "	72	......09
P937 OB	Dull Brass	" "	72	......10
P937 DN	Dull Nickel	" "	72	......20
37 WE	White Enam.	" "	72	......25
03640	Polished Brass	Cast Brass	12	......25

All with screws except Nos. 93 and 94.

Nos. P940 and 03600  
Projection 3 1/4"

No.	Finish	Metal	Packed	Each
P940 AC	Anti. Copper	Cast Iron	24	.....\$.10
P940 OB	Dull Brass	" "	24	......10
03600 OB	" "	Cast Brass	12	......30

All packed with screws.

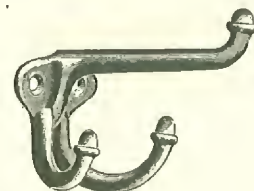
No. 3642  
Projection 3"No. 3642 Polished Bronze Metal, Each.....\$.50  
Ten in a box with screws.No. 3650  
Projection 3 3/4"No. 3650 Polished Bronze Metal, Each.....\$.60  
Ten in a box with screws.Nos. 154 and P154  
Projection 3"

No.	Finish	Metal	Each
154	Japanned	Cast Iron	.....\$.08
P154 OB	Dull Brass	" "	......15

No. P154 OB is packed with screws.

## SCHOOL HOUSE HOOKS

Extra Heavy.

No. 210  
Projection 3"

No.	Finish	Metal	Each
210	Japanned	Cast Iron	.....\$.10

Nos. 154 and 210 without screws.

36 in a box.



## TOILET HOOKS

ONE THIRD SIZE CUTS

## STROP HOOK



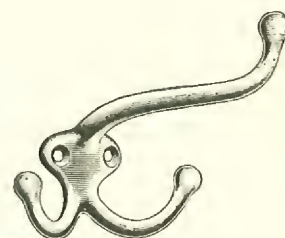
No. 3571 N



No. 3561 N



No. 3582 N



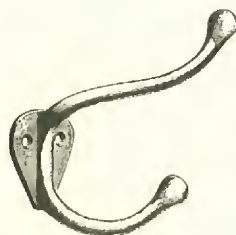
No. 3710 N

No.	Finish	Metal	Projection	Packed	Each
3571 N	Nickel Plated	Cast Bronze	1"	25 in a box	\$.20
3561 N	"	"	1 3/4"	25 in a box	.25
3582 N	"	"	2"	25 in a box	.35
3710 N	"	"	1 3/4"	10 in a box	.65

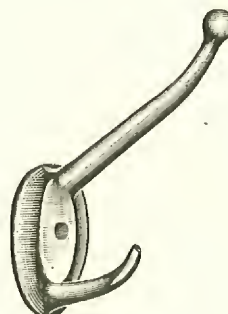
All packed with screws.



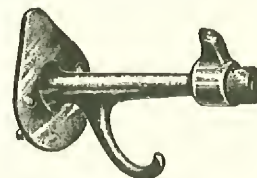
No. 03640 N



No. 03600 N



No. 3790 N

COMBINED  
COAT HOOK AND DOOR  
STOP WITH RUBBER  
BUMPER

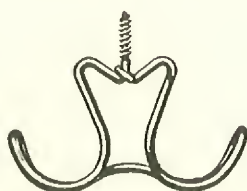
No. 3610 N

No.	Finish	Metal	Projection	Each
03640 N	Nickel Plated	Cast Bronze	2 1/4"	\$.28
03600 N	"	"	3 1/4"	.30
3790 N	"	"	5"	1.50
3610 N	"	"	3 1/2"	1.35

Note: No. 3790 is intended for Marble Partitions. Suitable bolts for attaching are shown on page 29 and are not regularly packed with these hooks.

All 10 in a box and packed with screws except No. 3790

## CEILING HOOKS



Nos. 52 and 56

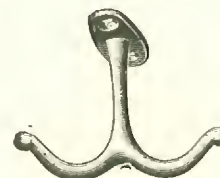
Made of No. 10 wire.

## WIRE CEILING HOOKS

2" Drop, 3" Spread

No.	Finish	Metal	Each
52	Coppered Steel Wire		Each.....\$.03
56	Retinned Steel Wire		Each......04

72 in a box.



Nos. P828 and P1828

## CAST CEILING HOOKS

2 1/4" Drop, 3 3/8" Spread.

No.	Finish	Metal	Each
127	Japanned	Cast Iron	.....\$.06
128	Coppered	"	......06
P828 AC	Antique Copper	"	......08
P828 OB	Dull Brass	"	......08
27 WE	White Enam.	"	......18
P1828 OB	Dull Brass	Cast Brass	......45

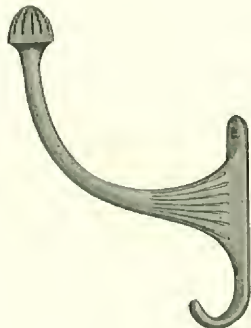
Nos. 127 and 128 are without screws, other numbers are with screws.

72 in a box, except P1828 which is packed 24 in a box.

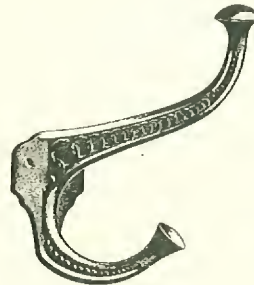


## HAT RACK HOOKS

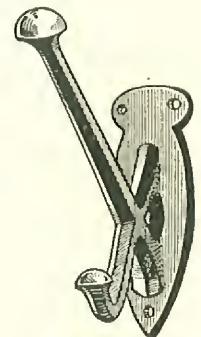
CUTS REDUCED SIZE



No. 1737



No. P948



No. 1721

No.	Finish	Metal	Projection	Height	Each
* 1737 OBR	Dull Brass Shaded	Cast Iron	3 1/2"	5 "	.....\$ .30
P 948 OBR	" " "	" "	4 1/2"	5 3/4"	......30
1721 OBR	" " "	" "	3 1/2"	4 1/2"	......50
1721 AC	Antique Copper	" "	3 1/2"	4 1/2"	......50

\*Note: No. 1737 has narrow base only  $\frac{3}{8}$ " wide.  
Twelve in a box with screws.



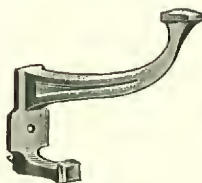
Nos. 8241 and 8261



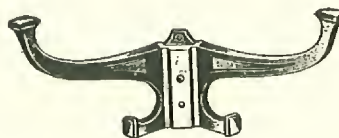
Nos. 8242 and 8262

No.	Finish	Metal	Projection	Height	Each
8241 AC	Antique Copper	Cast Iron	3 5/8"	5 1/2"	.....\$ .25
8261 OB	Dull Brass	" "	3 5/8"	5 1/2"	......25
8242 AC	Antique Copper	" "	4 1/2"	7 "	......35
8262 OB	Dull Brass	" "	4 1/2"	7 "	......35

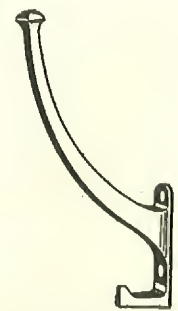
Twelve in a box with screws.



No. X357



No. X359



Nos. X300 and X0300

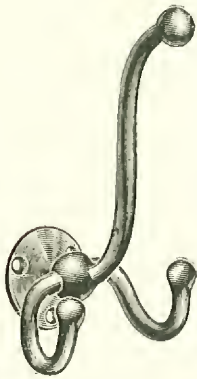
No.	Finish	Metal	Projection	Height	Spread	Each
X 357 OB	Dull Brass	Cast Iron	4 "	3"	7"	.....\$ .25
X 359 OB	" "	" "	3 "	3"		......60
*X0300 OB	" "	" "	3 1/4"	6"		......35
*X 300 OB	" "	Cast Brass	3 1/4"	6"		......70

\*Note: Narrow base only  $\frac{1}{2}$ " wide.  
Twelve in a box with screws.

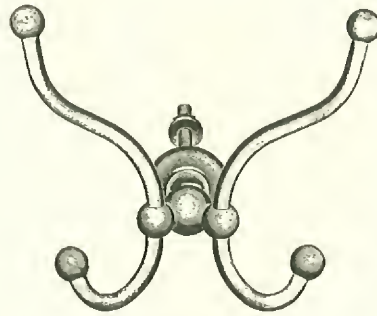


## HAT RACK HOOKS

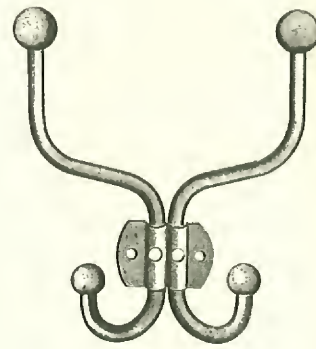
CUTS REDUCED SIZE



No. 3770



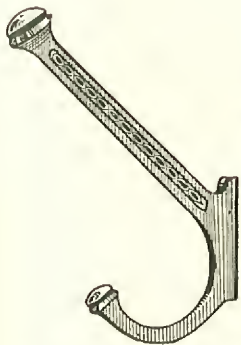
No. 5728



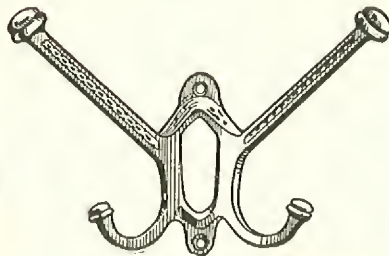
No. 6306

No.	Finish	Metal	Projection	Height	Spread	Box Contains	Each
3770 PBs	Polished Brass	Cast Brass	4 "	6 "	3 "	10	\$2.00
5728 Bolt PBs	"	Wrought Brass Tube	3 1/4 "	6 1/2 "	5 1/2 "	6	2.50
5728 Screw PBs	"	Wrought Brass Tube	3 1/4 "	6 1/2 "	5 1/2 "	6	2.50
6306 PBs	"	Wrought Steel Tube	3 1/2 "	7 "	5 1/2 "	12	.70

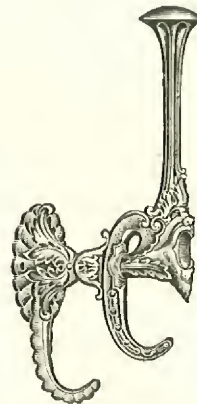
Packed as noted above, with screws.



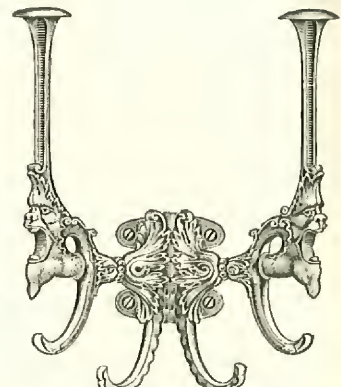
No. 1728



No. 1744



No. 981



No. 982

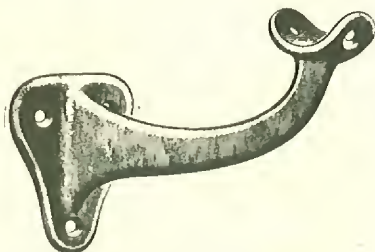
No.	Finish	Metal	Projection	Height	Spread	Box Contains	Each
1728 OBR	Dull Brass Shaded	Cast Iron	3 1/2 "	5 "		12	.30
1744 OBR	"	"	3 "	5 "	7 "	12	.50
981 OBR	"	"	4 1/2 "	8 "		6	.50
981 AC	Antique Copper	"	4 1/2 "	8 "		6	.50
982 OBR	Dull Brass Shaded	"	4 "	8 "	7 "	6	1.00
982 AC	Antique Copper	"	4 "	8 "	7 "	6	1.00

Packed as noted above, with screws.



## BRACKETS—RAILS AND HOOKS

for Public Cloak Rooms

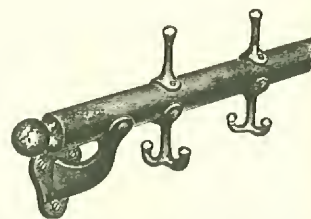
No. 115 for one 1 1/2"  
"Wood Rail

No. 829

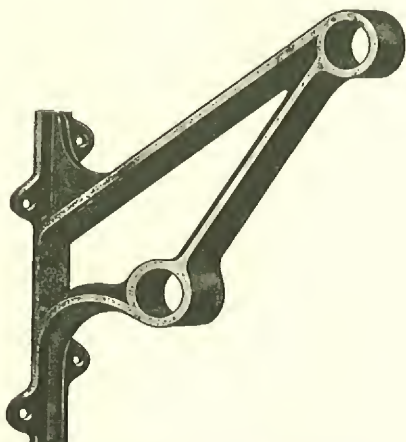


No. 141

to fit 1 1/2" Wood Rail.



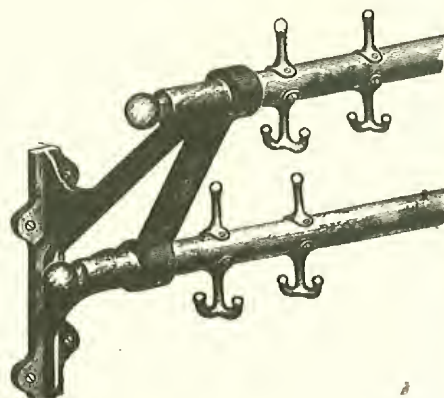
Miniature view showing how  
the school-house hat pins,  
school-house wardrobe hooks  
and pole brackets are used.



No. 116 for two 1 1/2" Wood Rails.

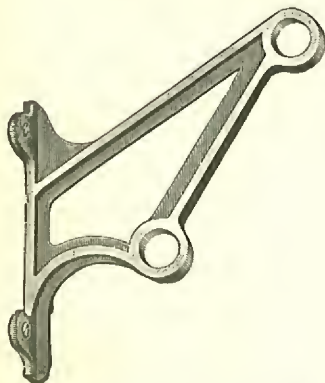
## FOR WOOD RAIL

These Brackets and Hooks made  
to fit 1 1/2" Round Rail.

Wood Rail and Hooks on  
No. 116 Bracket

No. 115 Bracket, Cast Iron Dead Black Finish, Projection 6 3/8"	.....	\$ .85
116 Bracket, Cast Iron Dead Black Finish, Projection 5 and 10"	.....	2.00
<i>No. 115, 12 in a box, No. 116 in bulk, both with screws.</i>		
No. 141 Hat Pin, Cast Iron, Dead Black, Height 3 1/2"	.....	\$ .15
829 Coat Hook, Cast Iron, Dead Black, Drop 2 3/4"	.....	.15
Wood Rail or Pole, Round, Solid Oak, Shellaced, 1 1/2" Dia.—12 ft. long. Per length.....	.....	3.60
<i>Nos. 141 and 829 packed 72 in a box with screws.</i>		

## FOR PIPE RAIL



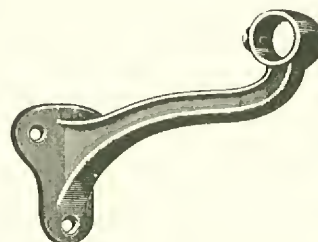
No. 224 for two Pipe Rails.



Pipe Rail with No. 349 Hooks.



No. 211



No. 213



No. 349

These Brackets and Hooks made to fit regular 1" Pipe which measures 1 1/8" O. D.

No. 211 Bracket, Cast Iron, Dead Black Finish, Projection 3 7/8", each.....	.....	\$1.20
213 Bracket, Cast Iron, Dead Black Finish, Projection 5 1/2", each.....	.....	1.30
224 Bracket, Cast Iron, Dead Black Finish, Projection 4 1/2 and 9", each.....	.....	2.35
349 Combined Hat Pin and Coat Hook, Cast Iron, Dead Black Finish, 8" overall, 4 7/8" spread. Clamps on Pipe without drilling, each.....	.....	.45

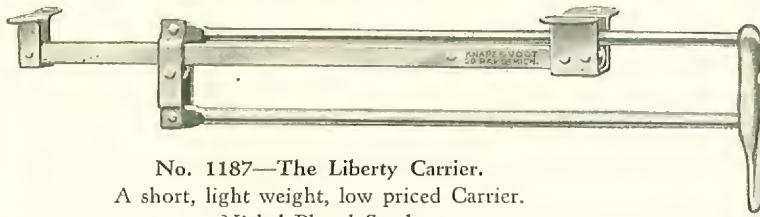
*All packed as ordered and with screws.*



## GARMENT CARRIERS

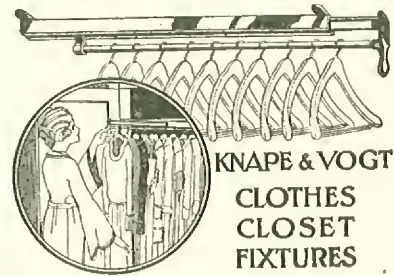
for Wardrobes and Closets

CUTS REDUCED SIZE

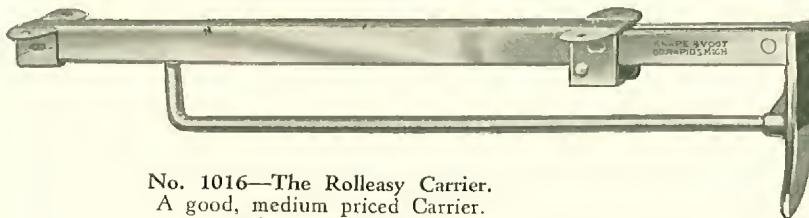


No. 1187—The Liberty Carrier.  
A short, light weight, low priced Carrier.  
Nickel Plated Steel.

No. 1187.....	12½"	14½"
Each .....	\$ .60	\$ .70



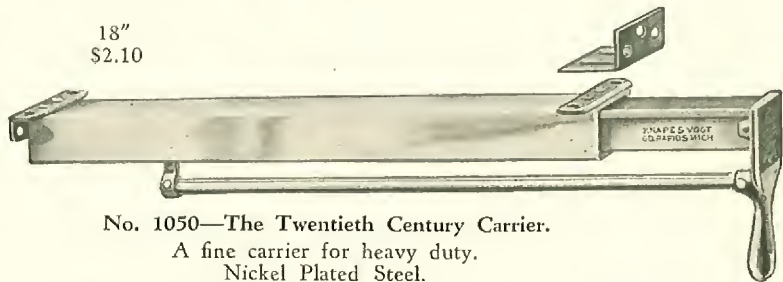
KNAPE & VOGT  
CLOTHES  
CLOSET  
FIXTURES



No. 1016—The Rollease Carrier.  
A good, medium priced Carrier.  
Nickel Plated Steel.

No. 1016.....	14"	16"	18"
Each .....	\$1.70	\$1.90	\$2.10

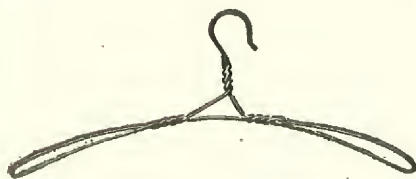
Garment Carriers  
Are Wrapped Separately.



No. 1050—The Twentieth Century Carrier.  
A fine carrier for heavy duty.  
Nickel Plated Steel.

No. 1050.....	16"	18"	20"	24"	28"
Each .....	\$4.30	\$4.60	\$4.90	\$5.50	\$6.10

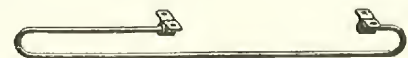
## GARMENT HANGERS



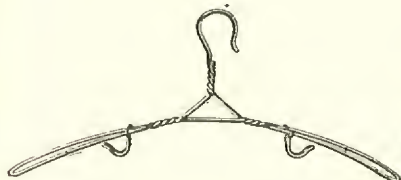
No. 0310



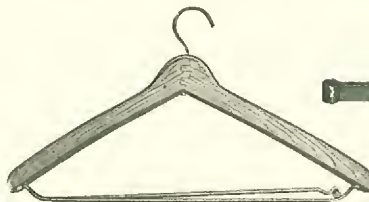
No. 1149



Nos. 662 and 663



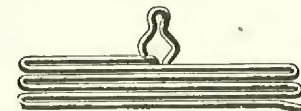
No. 83



No. 1163



No. 62



No. 614



No. 2

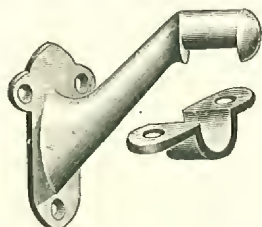
No.		Each
0310	Garment Hanger, 17" long, Offset Hook, No. 10 tinned wire.....	\$ .10
83	Garment Hanger, 17" long, Offset Hook, with skirt hooks No. 9 tinned wire.....	.15
1149	Garment Hanger, 16" long, Straight Hook, made of wood .....	.15
1163	Garment Hanger, 17" long, Straight Hook, with trousers or skirt rod, form fitting.....	.50
662	Shelf Bar, 12" over all for holding Garment Hangers, No. 3 wire, nickel plated.....	.25
663	Shelf Bar, 15" over all for holding Garment Hangers, No. 3 wire, nickel plated.....	.30
614	Trouser Hanger 9½" long for holding 4 pairs trousers, No. 1 wire nickel plated.....	.55
62	Trouser Hanger, 11½" long for holding 1 pair trousers, Folding hook, nickel plated.....	.25
2	Skirt Hanger, 7" long for holding 1 skirt, No. 11 tinned wire.....	.15

Garment Hangers 12 in a bundle, other numbers 12 in a box.

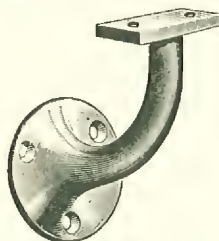


## HAND RAIL BRACKETS

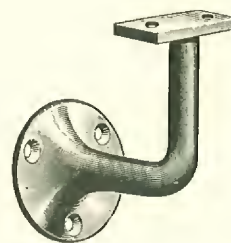
CUTS REDUCED SIZE



Nos. P100, P1100 and P110



No. P60



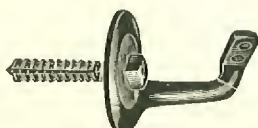
No. P70

No.	Finish	Metal	Wall to Center of Rail	Base	Each
P100	Brown Lacquer	Cast Iron	2 3/4"	3 x 1 3/8"	\$ .20
P100 AC	Antique Copper	Cast Iron	2 3/4"	3 x 1 3/8"	.25
P100 OB	Dull Brass	Cast Iron	2 3/4"	3 x 1 3/8"	.25
P1100 OB	Dull Brass	Cast Brass	2 3/4"	3 x 1 3/8"	1.00
P110 AC	Antique Copper	Cast Iron	4 1/4"	3 1/2 x 1 3/4"	.35
P110 OB	Dull Brass	" "	4 1/4"	3 1/2 x 1 3/4"	.35
DJ60	Dead Black	" "	2 "	2 1/8"	.20
P60 AC	Antique Copper	" "	2 "	2 1/8"	.25
P60 OB	Dull Brass	" "	2 "	2 1/8"	.25
DJ70	Dead Black	" "	3 "	2 1/4"	.20
P70 AC	Antique Copper	" "	3 "	2 1/4"	.25
P70 OB	Dull Brass	" "	3 "	2 1/4"	.25

Six in a box with screws.

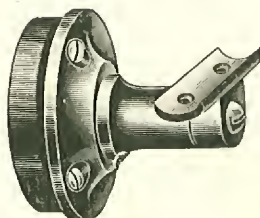


No. 50



No. P135 1/2

With lag screw and expansion shield.

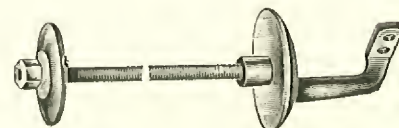


No. P130

Wall Base detachable. Can be placed in wall during erection. Rail part attached to base with machine screws.



No. 55



No. P135

For bolting clear through brick or tile wall. State thickness of wall. Furnished to special order only.

No.	Finish	Metal
50	Japanned	Steel
55	Plain	Steel

Description	Each
Forged in one piece 6" long	\$ .20
Riveted 6" long	.18

Ten in a box.

No.	Finish	Metal	Wall to Center of Rail	Base	Wall Base	Each
P130	Dead Black	Cast Iron	2 3/4"	4 1/4"	Washer 2 1/2" Dia.	\$2.00
P135	" "	" "	3 "	3 "	Lag Screw	1.00
P135 1/2	" "	" "	3 "	3 "	Lag Screw	.75
P135 1/2 OB	Dull Brass	" "	3 "	3 "	Lag Screw	.90

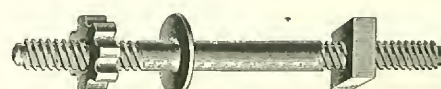
P130 packed two in a box. P135 and P135 1/2 packed six in a box.

## HAND RAIL SCREWS

WROUGHT STEEL



One Nut Screw



Two Nut Screws

Size	Type	Per 100	Size	Type	Per 100
4 1/2 x 5/8"	One Nut Rail Screw	\$ 6.00	4 1/2 x 5/8"	Two Nut Rail Screws	\$ 7.50
6 x 3/8"	One Nut Rail Screw	10.00	6 x 3/8"	Two Nut Rail Screws	12.00

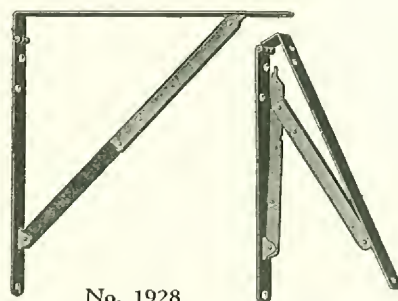
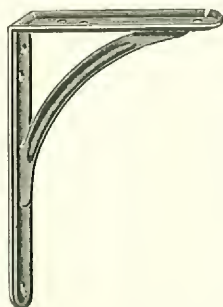
36 in a box.

36 in a box.



## SHELF BRACKETS

CUTS REDUCED SIZE



Nos. 1925 and 2925N

No. 1928

## WROUGHT STEEL SHELF BRACKETS

Size	Boxes Contain	No. 1925J Japd.	Per Pair	No. 2925N Nickel Pltd.	Per Pair
3x 4	12 Pairs	" "	\$ .15	" "	\$ .60
4x 5	12 "	" "	.20	" "	.65
5x 7	6 "	" "	.25	" "	.75
6x 8	6 "	" "	.30	" "	.85
7x 9	6 "	" "	.40	" "	1.00
8x10	3 "	" "	.50	" "	1.10
10x12	3 "	" "	.60	" "	1.40
12x14	3 "	" "	.90	" "	2.00
16x18	1 1/2 "	" "	2.00	" "	3.00

Japanned without screws. Nickel Plated with screws.

## EX. HEAVY WROUGHT STEEL SHELF BRACKETS

No. 790 16x18" Japanned Steel, Per Pair.....\$3.25

One pair in a package without screws.

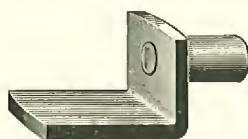
## FOLDING SHELF BRACKETS WROUGHT STEEL

No. 1928	Japanned	Per Pr.
8x 8"		\$1.00
12x12"		1.35
16x16"		2.50

One pair in a box without screws.

## SHELF RESTS OR PINS

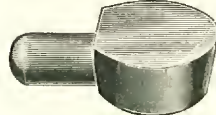
CUTS FULL SIZE



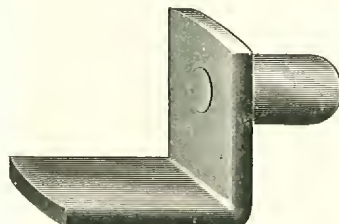
No. 1764



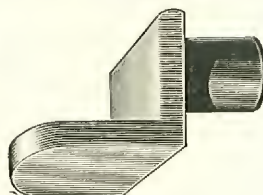
No. 15049



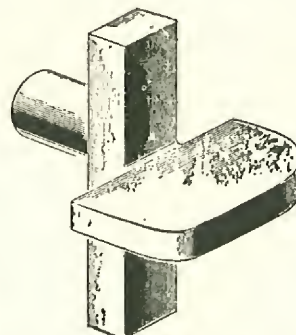
No. 1



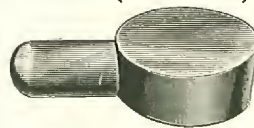
No. 1764B



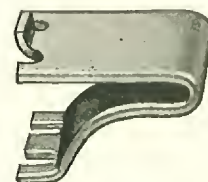
No. 3



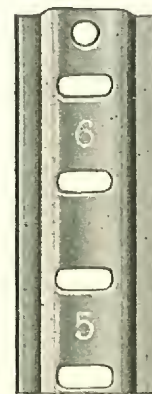
No. 8 (Turned Pin)



No. 2



No. 235



No. 233

No.	Size Pin	Finish	Metal	Per 100
1764	1/4"	Nickel Plated	Steel	\$1.50
1764B	3/8"	" "	"	5.00
15049	1/4"	" "	"	3.00
1	1/4"	Coppered	Cast Iron	1.25
2	1/4"	" "	"	1.50
3	3/8"	" "	"	2.50
8	3/8"	" "	"	5.50

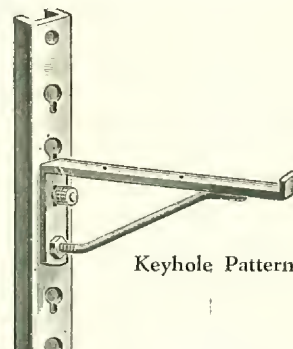
No. 1764B packed 72 in a box, other numbers 144 in a box.

## ADJUSTABLE SHELF SUPPORTS WITH STANDARDS

No. 233 Standard Nickel Plated Steel, 1 1/8" wide. Support holes 1/2" apart, screw holes 6" apart. Lengths carried 3', 4', 5', 6'. Price per foot.....\$1.2

No. 235 Support, Nickel Plated. Each......03

500 Supports in a box.

SHOW CASE BRACKETS  
AND STANDARDS

Keyhole Pattern

Wrought Steel Nickel Plated

Brackets are inserted from face of standard. Tighten upper nut to effect rigidity. Turn lower nut to adjust the bracket. Standards 1 1/8" wide. Holes in standard 1" apart.

## STANDARDS

Height	Each
24"	\$ .48
30"	.60
36"	.72
42"	.84
48"	.96
60"	1.20
72"	1.44

Four pieces in a bundle.

## BRACKETS

Length	Each
6"	\$ .34
8"	.36
10"	.40
12"	.44
14"	.48
16"	.55
20"	.80

Ten brackets in a box.

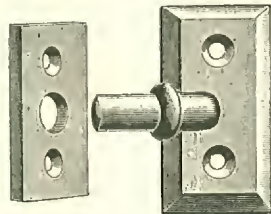


## SASH CENTERS

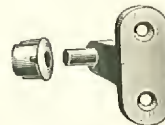
CUTS REDUCED SIZE



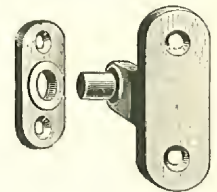
No. 38



No. 25



No. 31



Nos. 33 to 36

Suitable for Horizontal Pivoted Sash. A set consists of two stem plates and two socket plates.

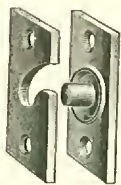
No.	Finish	Metal	Size	Stem	Back of Plate to center of Stem	Per Set
38	Brown Lacquer	Cast Iron	1 $\frac{3}{8}$ x 1 $\frac{3}{4}$ "	$\frac{5}{16}$ "		.....\$.25
25	Unfinished	" "	3 $\frac{1}{8}$ x 1 $\frac{5}{8}$ "	$\frac{1}{2}$ "		......35
31	Coppered	" "	1 $\frac{3}{8}$ x $\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{7}{16}$ "	......15
33	Coppered	" "	2 $\frac{3}{8}$ x $\frac{7}{8}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "	......20
P33. AC	Antique Copper	" "	2 $\frac{3}{8}$ x $\frac{7}{8}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "	......30
P33. OB	Dull Brass	" "	2 $\frac{3}{8}$ x $\frac{7}{8}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "	......30
34	Coppered	" "	2 $\frac{7}{8}$ x 1 "	$\frac{7}{16}$ "	$\frac{11}{16}$ "	......25
P34. AC	Antique Copper	" "	2 $\frac{7}{8}$ x 1 "	$\frac{7}{16}$ "	$\frac{11}{16}$ "	......35
P34. OB	Dull Brass	" "	2 $\frac{7}{8}$ x 1 "	$\frac{7}{16}$ "	$\frac{11}{16}$ "	......35
35	Coppered	" "	3 $\frac{3}{8}$ x 1 $\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{13}{16}$ "	......35
P35. AC	Antique Copper	" "	3 $\frac{3}{8}$ x 1 $\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{13}{16}$ "	......45
P35. OB	Dull Brass	" "	3 $\frac{3}{8}$ x 1 $\frac{3}{8}$ "	$\frac{9}{16}$ "	$\frac{13}{16}$ "	......45
36	Coppered	" "	4 $\frac{3}{8}$ x 1 $\frac{3}{8}$ "	$\frac{3}{4}$ "	1"	......55
P36. OB	Dull Brass	" "	4 $\frac{3}{8}$ x 1 $\frac{3}{8}$ "	$\frac{3}{4}$ "	1"	......70

*Coppered Sash Centers packed without screws, AC and OB with screws.*

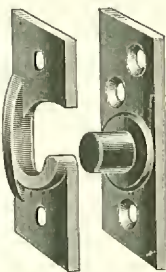
*No. 38 packed 12 sets in a box with screws.*

*Nos. 31, 33 and 34 packed 12 sets in a box.*

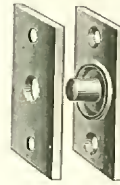
*Nos. 35 and 36 packed 6 sets in a box.*



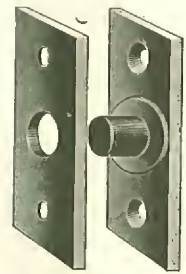
No. 8



No. 18



No. 9



No. 19

Suitable for Horizontal Pivoted Sash. A set consists of two stem plates and two socket plates.

No.	Finish	Metal	Size	Stem	Per Set
8	Japanned	Cast Iron	2 $\frac{1}{4}$ x 1 "	$\frac{3}{8}$ "	.....\$.15
9	"	" "	2 $\frac{1}{4}$ x 1 "	$\frac{3}{8}$ "	......15
18	"	" "	3 $\frac{3}{4}$ x 1 $\frac{1}{4}$ "	$\frac{11}{16}$ "	......40
19	"	" "	3 $\frac{3}{4}$ x 1 $\frac{1}{4}$ "	$\frac{11}{16}$ "	......40

*Nos. 8 and 9 packed 18 sets in a box without screws.*

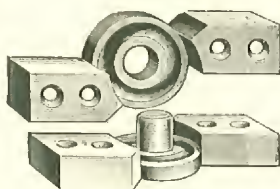
*Nos. 18 and 19 packed 12 sets in a box without screws.*



## SASH CENTERS

CUTS REDUCED SIZE

Suitable for Sash Pivoted Horizontally or Vertically



Nos. 40 and P01140

Suitable for plain or rabbeted sash.  
Center is one half inch thick. Stem  
 $\frac{9}{16}$ " diameter.

No. 40 Cast Iron, Coppered:

For Sash	1½"	1¾"	2¼"
Per Set.....	\$ .65	\$ .70	\$ 1.00

No. P01140 OB Cast Brass

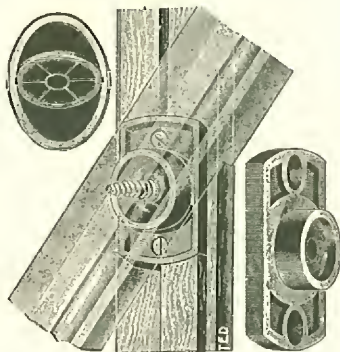
Dull Brass Finish

For Sash	1⅜"	1¾"	2¼"
Per Set.....	\$3.00	\$3.50	\$4.00

Six sets in a box.

No. 40 without screws.

No. P01140 with screws.



Nos. 30M, 32M, and 34M

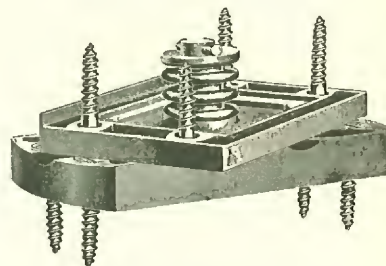
Suitable for plain or rabbeted sash.  
Center is one half inch thick.

Cast Iron Dead Black Finish

No.	30M	32M	34M
For Sash	1⅜"	1¾"	2¼"
Per Set.....	\$ .50	\$ .65	\$ .90

One set in a box without screws.

## HOWARTH FRICTION SASH CENTERS



Nos. 300 to 303

Sash held at different angles by spring pressure. Can be turned outside in, for cleaning. No adjusters required with this center. Very desirable for transoms or high up sash as sash can be operated with a pole or cord. Suitable for plain or rabbeted sash. Center is one half inch thick.

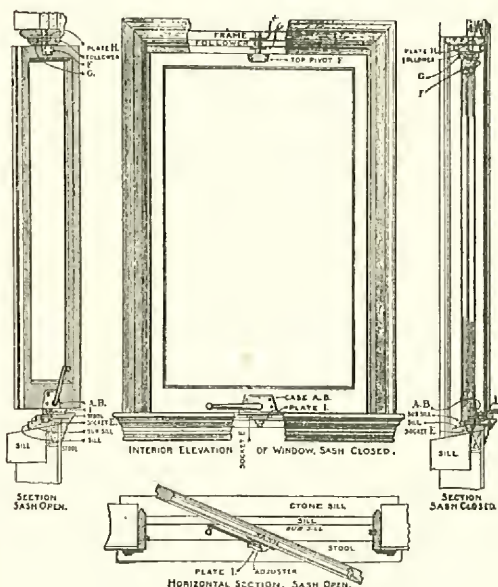
Cast Iron Dead Black Finish

No.	300	301	303
For Sash	1⅜"	1¾"	2¼"
Per Set.....	\$1.00	\$1.15	\$1.70

Cast Iron Dull Brass Finish

No.	300 OB	301 OB	303 OB
For Sash	1⅜"	1¾"	2¼"
Per Set.....	\$2.00	\$2.25	\$3.35

One set in a box with screws.



For sash 1¾" to 2⅜" thick

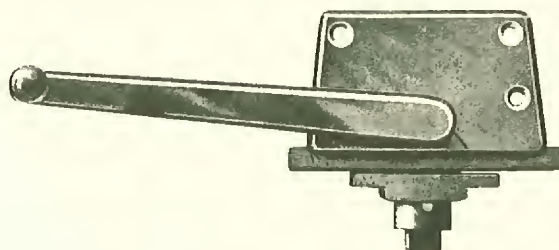
## CAST IRON

No.	Finish	List	Per Set
No. 201	Dead Black Finish	\$	5.00
No. 205	Antique Copper Finish		6.00
No. 207	Dull Brass Finish		6.00
No. 209	Sand Old Brass Finish		7.00
No. 214	Bower Barff Finish		8.00

## CAST BRONZE

No. 307	Dull Brass Finish	20.00
No. 309	Sand Old Brass Finish	20.00

## GIESEY ELEVATING SASH PIVOTS



For large windows pivoted top and bottom.

When closed, sash rests on sill outside and below stool. To open, raise sash by lever and swing in over stool by pull on stile. Pull is not included with pivots. Frames and sash must be made to detail. Full size detail drawings on request.

For sash 2¼" to 3" thick

## CAST IRON

No.	Finish	List	Per Set
No. 1201	Dead Black Finish	\$	9.00
No. 1205	Antique Copper Finish		11.00
No. 1207	Dull Brass Finish		11.00
No. 1209	Sand Old Brass Finish		12.00
No. 1214	Bower Barff Finish		13.50

## CAST BRONZE

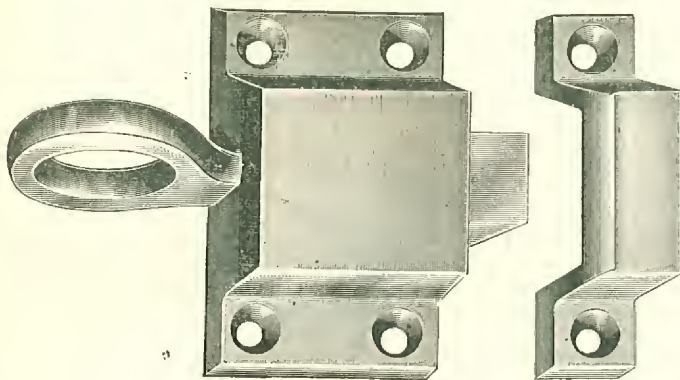
No. 1307	Dull Brass Finish	30.00
No. 1309	Sand Old Brass Finish	30.00

One set in a box with screws.



## TRANSOM CATCHES

CUTS FULL SIZE

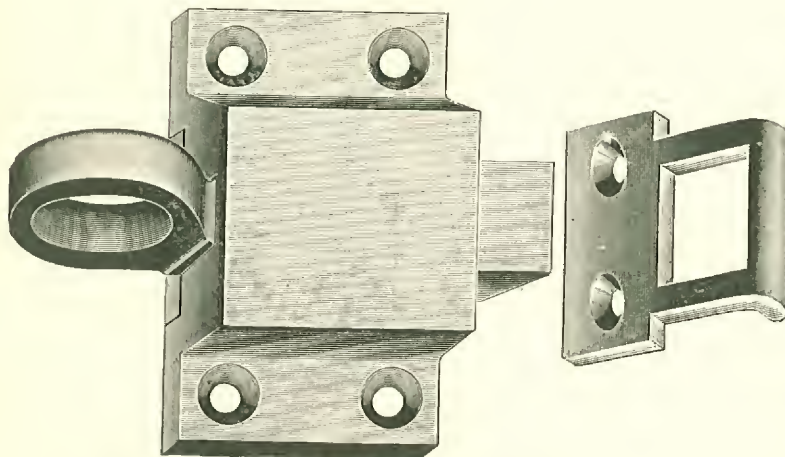


Nos. 2937RS to 2983½RS

Small size with rim strike

## CAST IRON

No.	Finish	Metal	Each
02939 RS	Antique Copper	Cast Iron	.....\$ .30
02937 RS	Dull Brass	Cast Iron	.....\$ .30
02963½RS	Sand Old Brass	Cast Iron	..... .33
02940 RS	Nickel Plated	Cast Iron	..... .45
02951 RS	Dull Brass	Cast Brass	..... .65
02983½RS	Sand Old Brass	Cast Brass	..... .70
02942 RS	Nickel Plated	Cast Bronze	..... .70

*Twelve in a box with screws.*

Nos. 3037US to 3083½US

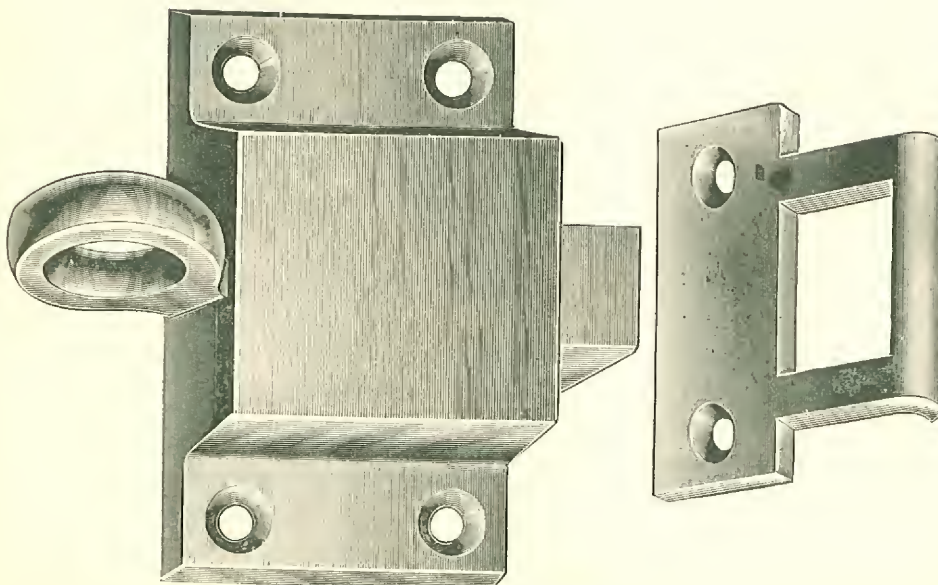
Standard Size with Universal Strike.

## CAST IRON

No.	Finish	Each
3031 US	Brown Lacquer	.....\$ .30
3039 US	Antique Copper	.....\$ .65
3037 US	Dull Brass	..... .35
3063½US	Sand Old Brass	..... .40
3046 US	Bower Barff	..... .55
3040 US	Nickel Plated, Polished	..... .60
3022 US	Nickel Plated, Dull	..... .40

## CAST BRASS AND BRONZE

No.	Finish	Each
3050 US	Antique Copper	.....\$ .90
3051 US	Dull Brass	..... .90
3083½US	Sand Old Brass	..... 1.00
3042 US	Nickel Plated	..... 1.00

*Twelve in a box with screws.*

Nos. 3139US to 3183½US

Large size with Universal Strike

## CAST IRON

No.	Finish	Each
3131 US	Brown Lacquer	.....\$ .45
3139 US	Antique Copper	..... .55
3137 US	Dull Brass	..... .55
3163½US	Sand Old Brass	..... .60

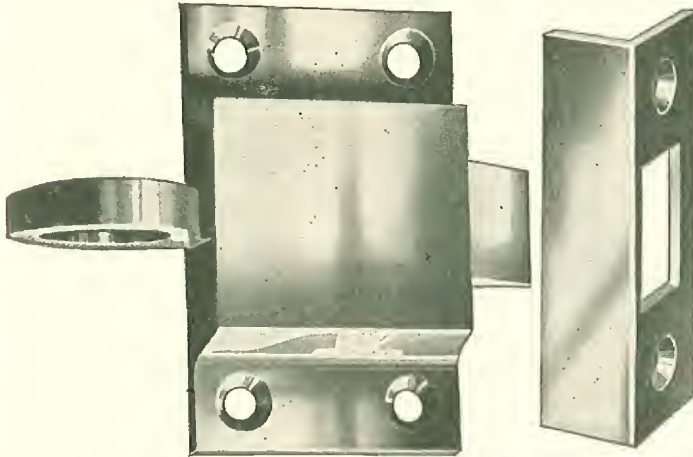
## CAST BRASS

No.	Finish	Each
3151 US	Dull Brass	.....\$ 1.50
3183½US	Sand Old Brass	..... 1.65

*Twelve in a box with screws.*



## REVERSE BEVEL TRANSOM CATCHES



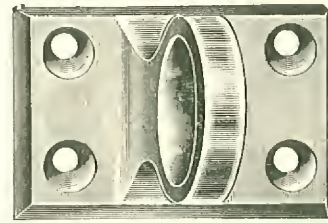
Nos. RB3039AS and RB3037AS—Cut full size.

This Transom Catch is for outward opening transom. Note reversed bevel latch bolt and angle strike.

No.	Finish	Metal	Each
RB3039AS	Antique Copper	Cast Iron	\$.45
RB3037AS	Dull Brass	Cast Iron	.45

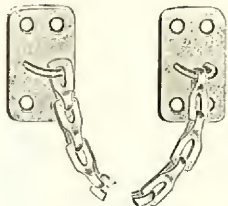
Twelve in a box with screws.

## TRANSOM EYES

Nos. 32037 to 32083½  
Cut Full Size.

No.	Finish	Metal	Each
32039	Antique Copper	Cast Iron	\$.17
32037	Dull Brass	" "	.17
32063½	Sand Old Brass	" "	.20
32051	Dull Brass	Cast Brass	.45
32083½	Sand Old Brass	" "	.50
32042	Nickel Plated	Cast Bronze	.50

Twelve in a box with screws.

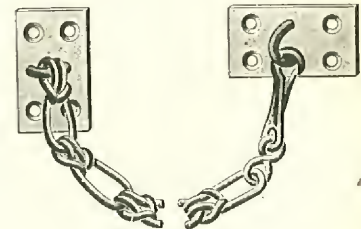


No. P110¾

## TRANSOM CHAINS

Cuts Reduced Size

Note the snap on No. P115¾ which permits the sash to be let down for cleaning.



No. P115¾

## WROUGHT STEEL

No.	Finish	Length	Each
P110¾AC	Antique Copper	12"	\$.30
P110¾OB	Dull Brass	.30	.35
P110¾G	Galvanized	.35	.40

## WROUGHT BRASS

P1110¾OB	Dull Brass	\$.70	\$.80
----------	------------	-------	-------

Twelve in a box with screws.

## WROUGHT STEEL

No.	Finish	Length	Each
P115¾AC	Antique Copper	15"	\$.50
P115¾OB	Dull Brass		.50
P115¾G	Galvanized		.55

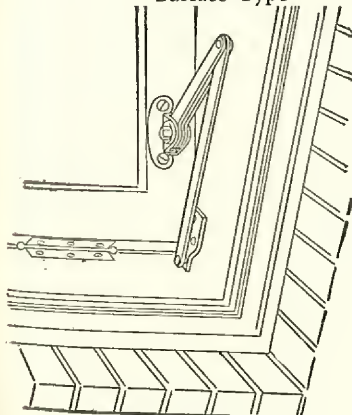
## WROUGHT BRASS

P1115¾OB	Dull Brass	\$.90
----------	------------	-------

## FRICTION STAYS FOR TRANSOM OR CASEMENT SASH

Surface Type

Cuts Reduced Size



No. 77031G

No. 7703TG is applied to opposite face of the sash from the hinges. The friction can be regulated by adjusting tension nut to meet conditions. Wrought Steel Galvanized. Permits openings to 180 degree, Each.....\$1.10

No. 7704TG is same as No. 7703TG except is fitted with stop pin, so that sash cannot be opened beyond 160 degrees, Each.....\$1.10

The United Concealed Adjuster is applied to edge of sash and is out of sight when sash is closed. The friction can be regulated by turning a screw with a screw-driver so that any degree of tension or resistance may be had. For sash from 11" to 24" wide.

Concealed Type



The United Concealed Adjuster

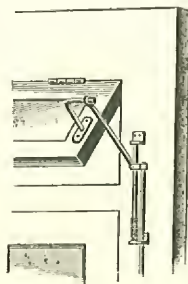
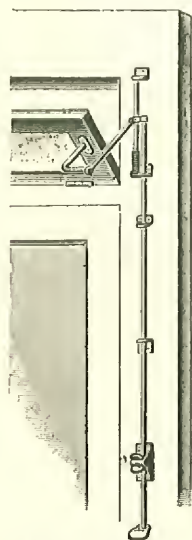
The United Concealed Adjuster, Steel Galvanized, Each.....	\$1.25
The United Concealed Adjuster, Solid Brass, Each.....	1.65

Twelve in a box with screws.



## TRANSOM LIFTERS

CUTS REDUCED SIZE



For in swinging transoms hinged at bottom or top or pivoted at the sides.

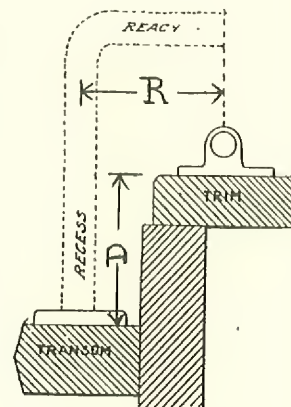
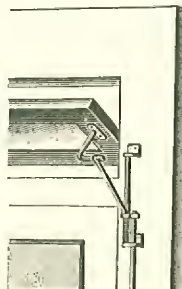


Diagram of Bracket

## Capacities of Regular Transom Lifters

1/4 Inch Rod for	Light	Transoms up to 30x10"
5/16 Inch Rod for	Medium	Transoms up to 30x18"
3/8 Inch Rod for	Heavy	Transoms up to 36x20"
1/2 Inch Rod for	Extra Heavy	Transoms up to 60x30"

To determine length of rod, measure from floor to center of transom and deduct 3 1/2 ft.

See below for capacities of regular brackets.

Nos. 433 to 488

Capacities of regular brackets and connecting rods.....

Maximum recess of sash from face of trim, for regular brackets.....

Reach, (center of bracket to center of rod), for regular brackets.....

Maximum height of transom for regular connecting rod.....

Minimum height of transom for regular connecting rod.....

If recess, reach or height of transom is outside of the above limits, a special lifter is required. Special lifters to suit any condition can be furnished to order. Note this lifter has guide rod and shock absorbing spring.

1/4"	5/16"	3/8"	1/2"
1"	2"	2 1/2"	3"
1 3/4"	2 1/2"	2 1/2"	3"
16"	22"	28"	36"
10"	10"	16"	20"

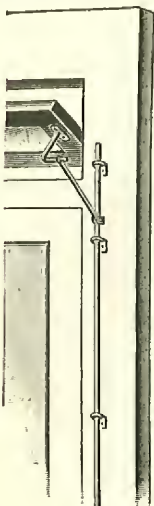
WROUGHT STEEL TRANSOM LIFTERS  
WITH GUIDE ROD

## Spring Lock

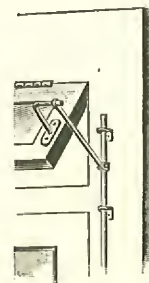
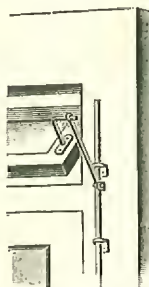
No.	Size	Finish	Each	No.	Size	Finish	Each
443 AC	3'x1/4"	Antique Copper.....	\$1.05	464 AC	4'x3/8"	Antique Copper.....	\$1.65
443 OB	3'x1/4"	Dull Brass.....	\$1.05	464 PB	4'x3/8"	Bright Bronze.....	1.65
443 OBS	3'x1/4"	Sand Old Brass.....	1.15	464 OB	4'x3/8"	Dull Brass.....	1.65
443 N	3'x1/4"	Polished Nickel.....	1.55	464 OBS	4'x3/8"	Sand Old Brass.....	1.80
453 AC	3'x5/16"	Antique Copper.....	1.20	465 AC	5'x3/8"	Antique Copper.....	1.90
453 OB	3'x5/16"	Dull Brass.....	1.20	464 PB	5'x3/8"	Bright Bronze.....	1.90
453 OBS	3'x5/16"	Sand Old Brass.....	1.35	465 OB	5'x3/8"	Dull Brass.....	1.90
453 N	3'x5/16"	Polished Nickel.....	1.85	465 OBS	5'x3/8"	Sand Old Brass.....	2.10
453 DN	3'x5/16"	Dull Nickel.....	1.85	466 AC	6'x3/8"	Antique Copper.....	2.10
454 AC	4'x5/16"	Antique Copper.....	1.25	466 OB	6'x3/8"	Dull Brass.....	2.10
454 OB	4'x5/16"	Dull Brass.....	1.25	466 OBS	6'x3/8"	Sand Old Brass.....	2.30
454 OBS	4'x5/16"	Sand Old Brass.....	1.40	487 OB	7'x1/2"	Dull Brass.....	3.80
				488 OB	8'x1/2"	Dull Brass.....	4.20

Other finishes to special order. Solid Brass Lifters to special order. Lifters in bulk, screws in packages attached.

Full cases contain 1/4"—100, 5/16"—50, 3/8"—25, 1/2"—25 lifters.

WROUGHT STEEL TRANSOM LIFTERS  
WITHOUT GUIDE ROD

## Spring Lock



This Transom Lifter is for light weight, in swinging transoms pivoted on sides or hinged at top. It is not recommended for bottom hung transoms.

Note: This lifter is without guide or spring.

No.	Size	Metal	Finish	Each
343 AC	3'x1/4"	Wrought Steel	Antique Copper.....	\$ .70
343 OB	3'x1/4"	Wrought Steel	Dull Brass.....	.70

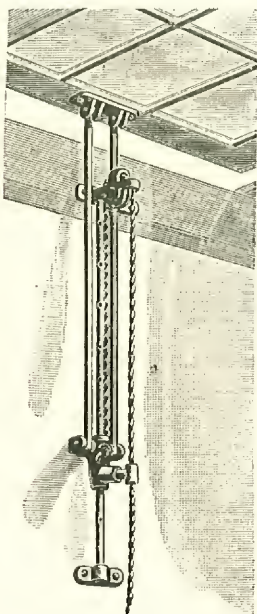
Lifters in bulk, screws in package attached, 100 in a full case.

No. 343

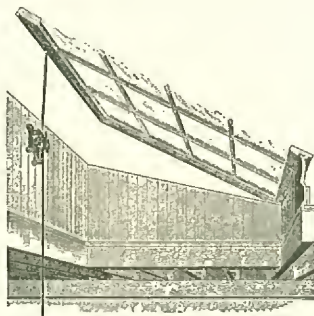


## SKYLIGHT OPERATORS

CUTS REDUCED SIZE



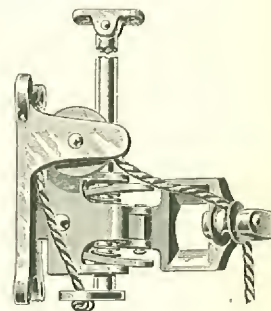
Nos. 3818 and 3824



Nos. 141 and 142 applied

No. 141— $\frac{5}{8}$ x18" for sash not over 3x4 ft.	Each.....	\$4.50
No. 142— $\frac{1}{2}$ x24" for larger sash.	Each.....	6.00
<i>Packed in bulk without screws.</i>		

**The Harris**  
No instructions are needed for applying. Cannot be put up wrong. Let cord hang straight down. Cord not included. All coppered finish steel rods.



Nos. 141 and 142

## SASH OPERATORS

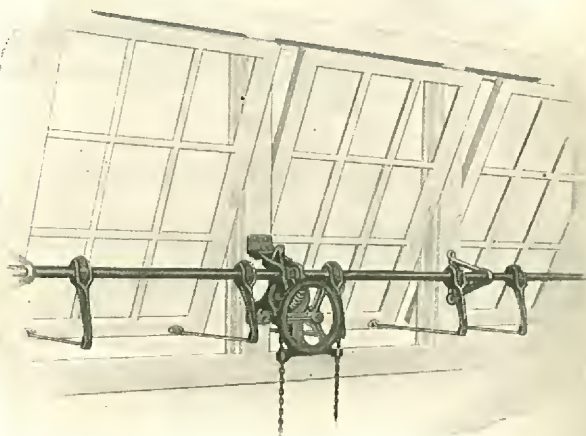
### Skylight Operators

Can be held open at various points. Use No. 7 sash cord. Cord is not included.

No. 3818— $\frac{3}{8}$ x18" Coppered Steel Rod, Japanned fittings, each.....\$4.00

No. 3824— $\frac{3}{8}$ x24" Coppered Steel Rod, Japanned fittings, each.....\$4.25

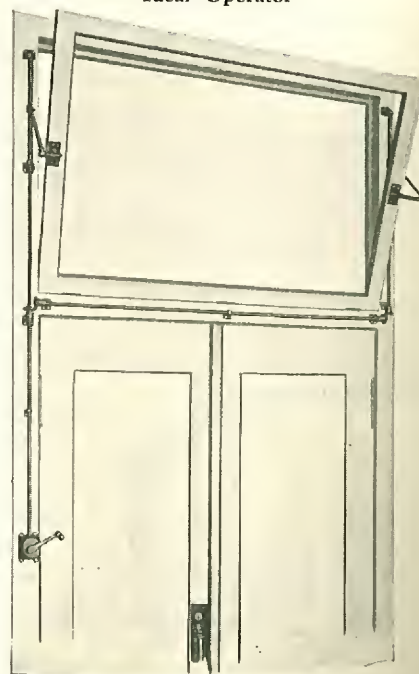
*Packed in bulk without screws.*



Ideal Operator



Superior B Operator



Duplex Operator

Operators furnished to control single sash or gangs of sash under various conditions. Write for information.



## CASEMENT ADJUSTERS

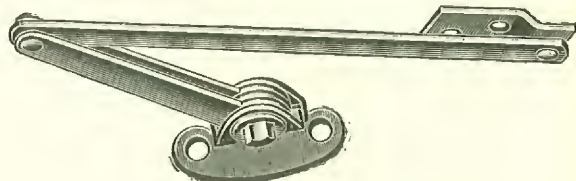
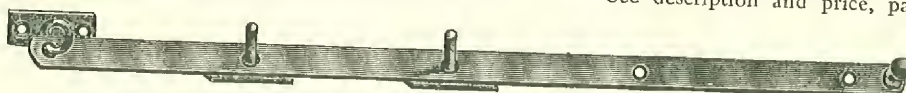
CUTS REDUCED SIZE



No. 74 For Sash Opening Out

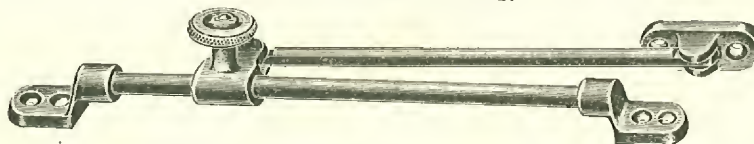
No.	Metal	Finish	Length	Each
74	Wrought Steel	Coppered	10"	.....\$ .40

Ten in a box with screws.

No. 7703TG Friction Stay  
For sash opening in or out.  
See description and price, page 131.

No. 680 For Sash Opening Out

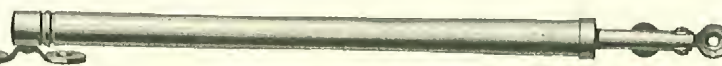
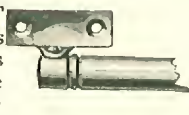
No.	Metal	Finish	Each	18"	24"
680	Wrought Steel	Galvanized	In bulk with screws.	.....\$1.10	\$1.25

Rods  $\frac{5}{16}$ " diameter $\frac{13}{4}$ " space required  
between screen and  
sash.Nos. 7337 to 7383  $\frac{1}{2}$  For Sash Opening Out

No.	Finish	Metal	Each	9"	12"
7337	Dull Brass	Wrought Steel,	.....	.....\$ .80	\$ .90
7339	Antique Copper	" "	"	.....	.....
7363 $\frac{1}{2}$	Sand Old Brass	" "	"	.....	.....
7370	Galvanized	" "	"	.....	.....
7351	Dull Brass	Solid Brass,	"	.....	.....
7383 $\frac{1}{2}$	Sand Old Brass	Solid Brass,	"	.....	.....
7342	Nickel Plated	Solid Bronze	"	.....	.....
			Six in a box with screws.	2.00	2.25

## FRICTION TUBULAR ADJUSTERS

At right is shown the "A" bracket which is used when it is desired to place adjuster on inside of in swinging sash.

 $\frac{7}{8}$ " space required  
between  
sash and screen.

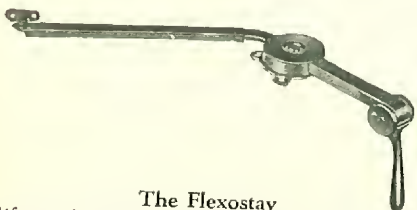
The United Casehold Adjuster Nos. 1 to 4, Nos. 1A to 4A

This is the original and standard adjuster of the friction type suitable for sash opening out or in. Friction adjustable at any time by turning tube. Can be used at top or bottom of sash. The adjuster is automatic and is not touched when being operated. Dull brass finish carried in stock. Other finishes at extra prices. "A" Bracket permits opening sash to 180 degree. Extra charge for adjusters with "A" Brackets, 25c each.

No.	Metal	Finish	Length Closed	Diameter	For Sash up to	Each
1	Wrought Brass	Dull Brass	11 $\frac{1}{2}$ "	$\frac{1}{2}$ "	15x36"	.....\$1.90
2	"	"	13	$\frac{1}{2}$ "	20x48"	.....1.90
3	"	"	12	$\frac{5}{8}$ "	20x72"	.....2.25
4	"	"	14	$\frac{5}{8}$ "	30x60"	.....3.00

Twelve in a box with screws.

## THE FLEXOSTAY ADJUSTER



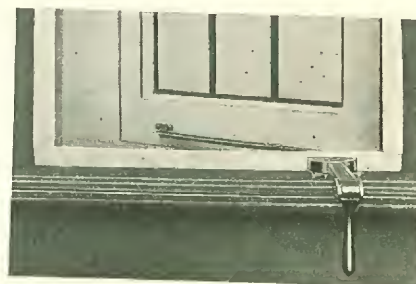
The Flexostay lift up handle to horizontal position and swing sideways. To lock press down handle. Can be installed on top of the stool as here shown or underneath the stool. Requires only  $\frac{1}{8}$ " space. Stock finish Dull Brass, other finishes at extra prices.

All Steel Dull Brass Finish. Each.....\$3.75

Brass handle, with brass plated steel arms. Each.....4.50

Note: For wide stools can furnish Flexostay Adjuster with handle to fold upward to lock.

One in a package with screws.



Applied to top of stool. Screen fitted over Flexostay.



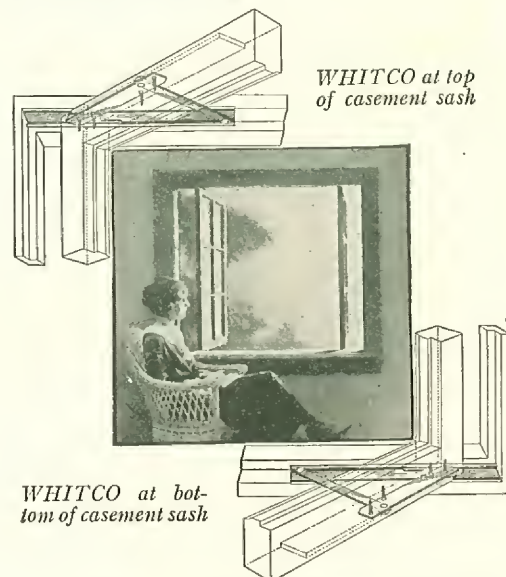
## WHITCO CASEMENT HARDWARE

Takes the place of butts and adjusters for swinging and controlling casement sash and transoms. Can be applied to multiple sash such as in porch enclosures. Mullions are not required as Whitco Hardware is attached to top and bottom. One size Whitco does for all sash within its field. Not recommended for sash wider than 28", or for transoms higher than 20".

No special sash or frame is required. The sash will stay in any position from closed to open at 90 degrees in any wind. Whitco is entirely concealed when sash is closed so no special finishes are required. Note that when open the outside of the sash can be readily cleaned from the inside of the room. This is an important feature for single casements.

Very simple to apply. The hardware is first housed into the sash at top and bottom and, then screwed fast. It is then turned at right angles to the sash, the sash set in the opening, and the sill plates attached to head and sill. The screws are at right angle to line of strain. A set for one sash is one right hand and one left hand Whitco. Whitco galvanized steel brass trimmed, per set.....\$1.75  
Whitco all solid brass, per set..... 2.25

One set in a box 1"x1"x8" packed with screws.

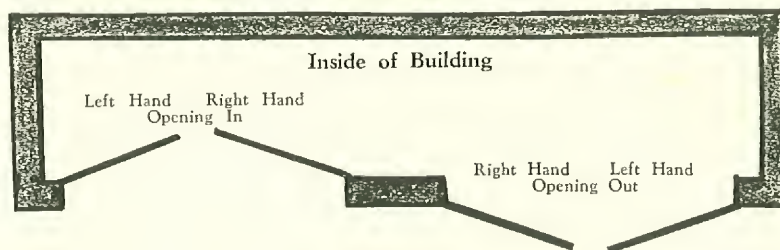


A Pair of Whitcoed Casement Sash

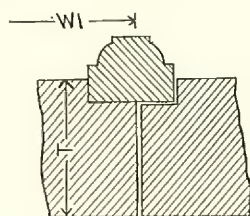
## CASEMENT SASH INFORMATION

### HAND OF CASEMENT SASH

Some styles of casement fasteners and adjusters are handed. Those shown in this catalogue are not handed. If it is found necessary to specify hand on casement fasteners or adjusters, designate as shown in sketch herewith.



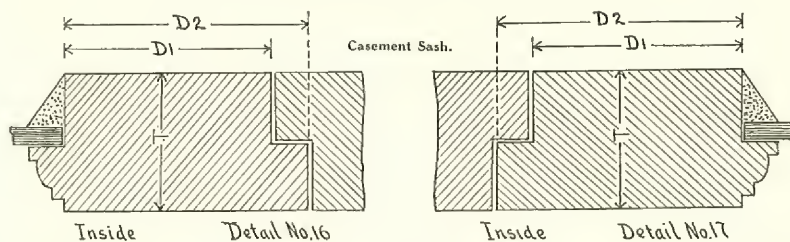
### ASTRAGAL SASH IN PAIRS



Detail No. 19

If fasteners or cremone bolts are wanted for very narrow stiles give distance "W1" from edge of sash to moulding.

### RABBETED SASH IN PAIRS



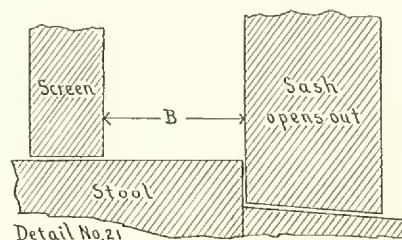
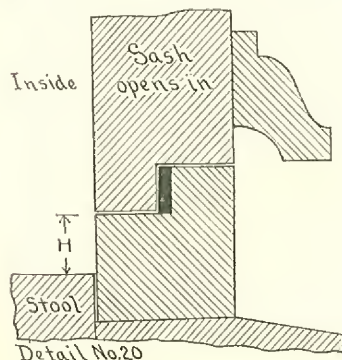
When information is desired for this style of sash the measurements "T", "D1" and "D2" should be given, also state hand as per instructions above.

### FOR CASEMENTS OPENING IN

Detail No. 20 suggestion for bottom of sash and sill. If inside adjusters are to be applied, the distance at "H" should not be less than  $\frac{3}{4}$ ". Black part shows felt strip tacked to rabbet.

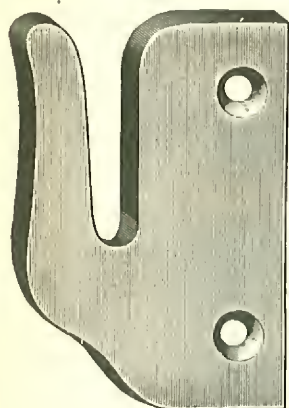
### FOR CASEMENTS OPENING OUT

Detail No. 21 distance at "B" should be not less than 2 inches if a choice of fasteners and adjusters is desired.

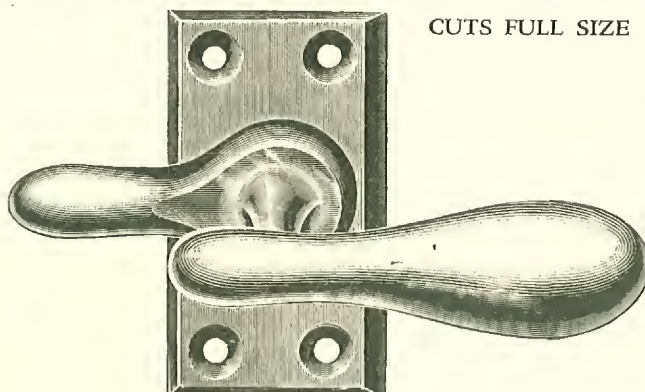




## CASEMENT WINDOW FASTENERS



Rim Strike "RS"



Nos. 6637 to 6683½



Surface Strike "SS"



Mortise Strike "MS"

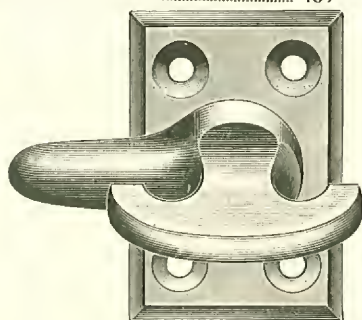
Note:—Rim Strike will be sent unless otherwise ordered.

## CAST IRON

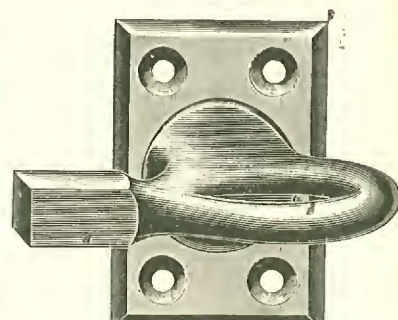
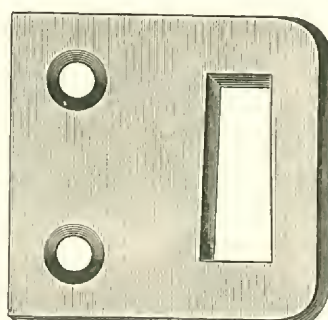
No.	Finish	Each
6631	Brown Lacquer.....	\$.30
6639	Antique Copper.....	.35
6639¾	Bright Bronze.....	.35
6637	Dull Brass.....	.35
6663½	Sand Old Brass.....	.40
6602	Nickel Plated, Dull.....	.40
6660	Nickel Plated, Polished.....	.40
6670	Electro Galvanized.....	.45
6646	Bower Barff.....	.65

## CAST BRONZE

No.	Finish	Each
6650	Antique Copper.....	\$1.00
6634	Polished Bronze.....	1.00
6651	Dull Brass.....	1.00
6683½	Sand Old Brass.....	1.10
6642	Nickel Plated, Polished.....	1.10
6622	Nickel Plated, Dull.....	1.10



Nos. 2137 to 2183½



Nos. 02137RS to 02183½RS

## CAST IRON

No.	Finish	Each
2139	Antique Copper.....	\$.20
2137	Dull Brass.....	.20
2163½	Sand Old Brass.....	.22
2160	Nickel Plated.....	.22

## CAST BRONZE

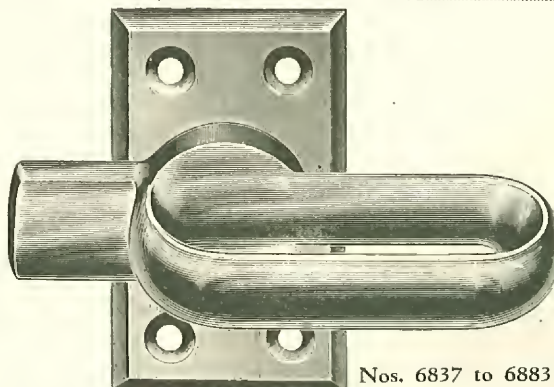
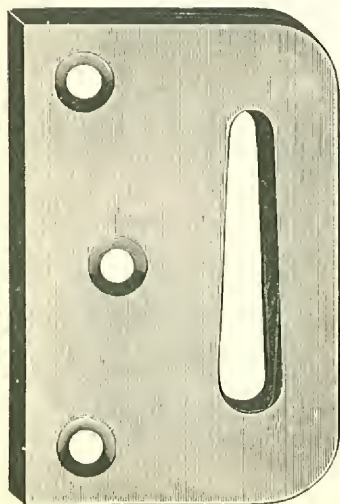
No.	Finish	Each
2151	Dull Brass.....	\$.65
2183½	Sand Old Brass.....	.70
2142	Nickel Plated.....	.70

## CAST IRON

No.	Finish	Each
02139 RS	Antique Copper.....	\$.20
02137 RS	Dull Brass.....	.20
02163½RS	Sand Old Brass.....	.22
02160 RS	Nickel Plated.....	.22

## CAST BRONZE

No.	Finish	Each
02151 RS	Dull Brass.....	\$.65
02183½RS	Sand Old Brass.....	.70
02142 RS	Nickel Plated.....	.70



Nos. 6837 to 6883½

## CAST IRON

No.	Finish	Each
6839	Antique Copper.....	\$.45
6837	Dull Brass.....	.45
6863½	Sand Old Brass.....	.50

## CAST BRONZE

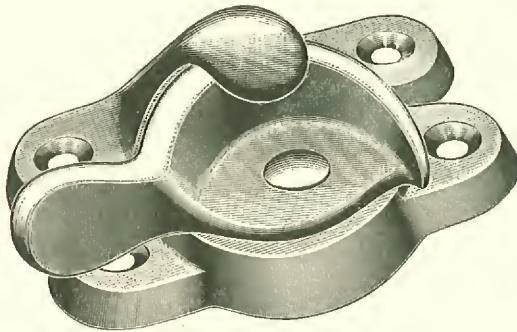
No.	Finish	Each
6851	Dull Brass.....	\$1.20
6883½	Sand Old Brass.....	1.25
6842	Nickel Plated.....	1.25

All Casement Fasteners twelve in a box with screws.



## SASH FASTENERS

CUTS FULL SIZE



Nos. 0737 to 0783 1/2

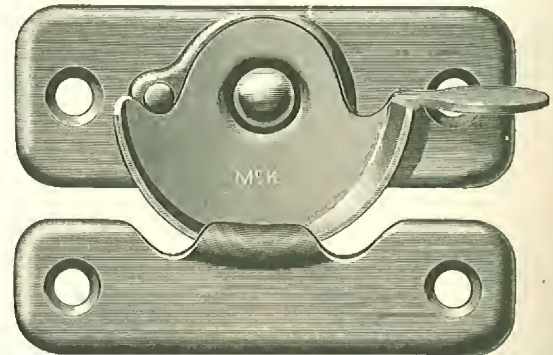
## CAST IRON

No.	Finish	Each
0731	Brown Lacquer.....	\$.10
0739	Antique Copper.....	.12
0737	Dull Brass.....	.12
0763 1/2	Sand Old Brass.....	.14
0760	Nickel.....	.14

## CAST BRONZE

No.	Finish	Each
0751	Dull Brass.....	\$.60
0783 1/2	Sand Old Brass.....	.65
0582	Nickel Plated, Semi Polished.....	.50

12 in a box with screws, 144 in a wood case.

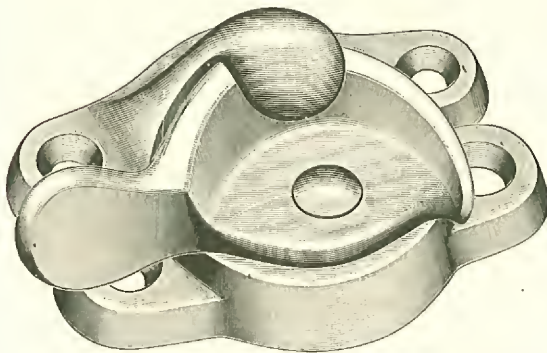


No. 2762

## WROUGHT STEEL

No.	Finish	Each
2762 AC	Antique Copper.....	\$.10
2762 OB	Dull Brass.....	.10
2762 N	Nickel Plated.....	.12

12 in a box with screws, 720 in a wood case.



Nos. 837 to 883 1/2

This is the standard size.

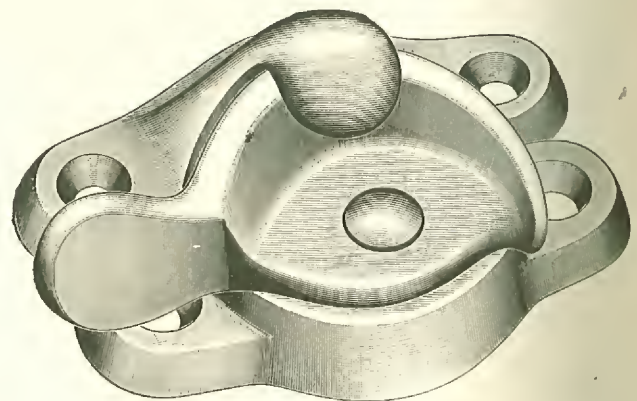
## CAST IRON

No.	Finish	Each
831	Brown Lacquer.....	\$.12
839	Antique Copper.....	.14
839 3/4	Bright Bronze.....	.14
837	Dull Brass.....	.14
863 1/2	Sand Old Brass.....	.15
860	Nickel Plated, Polished.....	.15
802	Nickel Plated, Dull.....	.15
870	Electro Galvanized.....	.17
846	Bower Barff.....	.30

## CAST BRONZE

No.	Finish	Each
850	Antique Copper.....	\$.65
834	Polished Bronze.....	.65
851	Dull Brass.....	.65
883 1/2	Sand Old Brass.....	.70
842	Nickel Plated, Polished.....	.70
822	Nickel Plated, Dull.....	.70

12 in a box with screws, 144 in a wood case.



Nos. 937 to 983 1/2

This size is extra heavy.

## CAST IRON

No.	Finish	Each
931	Brown Lacquer.....	\$.17
939	Antique Copper.....	.22
937	Dull Brass.....	.22
963 1/2	Sand Old Brass.....	.25
946	Bower Barff.....	.40

## CAST BRONZE

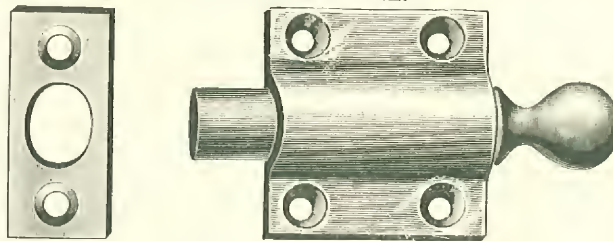
No.	Finish	Each
950	Antique Copper.....	\$.90
951	Dull Brass.....	.90
983 1/2	Sand Old Brass.....	1.00
942	Nickel Plated.....	1.00

12 in a box with screws, 144 in a wood case.



## VENTILATING SASH BOLTS

CUTS FULL SIZE.



Nos. 8343 to 8351

Three strikes packed with each bolt. The bolt is applied to top rail of lower sash and the strikes on side rail of upper sash at such points as desired.

### CAST IRON

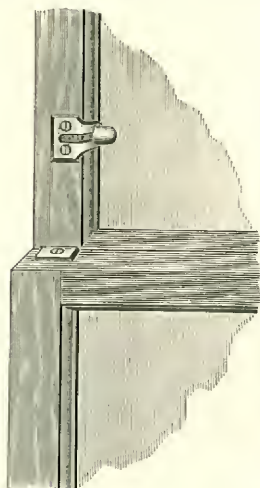
No.	Finish	Each
8349	Antique Copper.....	\$.50
8343	Dull Brass.....	.50

### CAST BRONZE

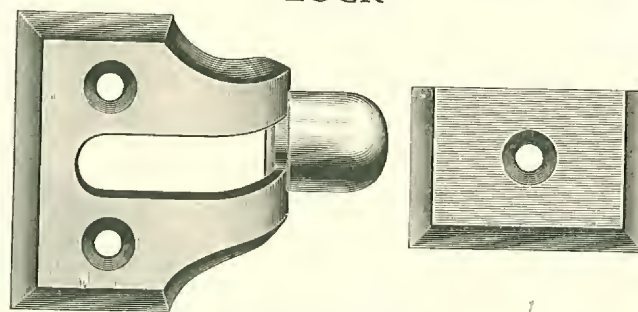
No.	Finish	Each
8351	Dull Brass.....	\$.65
8342	Nickel Plated.....	.70

*Twelve in a box with screws.*

## IVES PATENT WINDOW VENTILATING LOCK

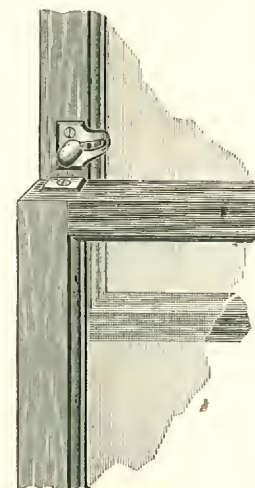


Window Closed.  
Ventilating lock not in use.



Nos. 037S to 083½S

No cutting required. Screw on either side of upper sash 8" above meeting rail.



Window Open.  
Ventilating lock in use.

### WROUGHT STEEL

No.	Finish	Each
039 S	Antique Copper.....	\$.35
037 S	Dull Brass.....	.35
063½S	Sand Old Brass.....	.40
060 S	Nickel Plated.....	.40

### WROUGHT BRONZE

No.	Finish	Each
050 S	Antique Copper.....	\$.65
051 S	Dull Brass.....	.65
083½S	Sand Old Brass.....	.70
042 S	Nickel Plated.....	.70

*Twelve in a box with screws.*

## SIDE SASH LOCKS

### CAST IRON

No.	Finish	Each
9031	Brown Lacquer.....	\$.17
9039	Antique Copper.....	.20
9037	Dull Brass.....	.20

*Twelve in a box with screws.*

## CAR WINDOW LOCKS

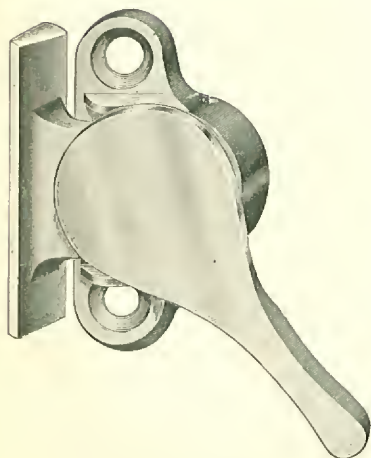
Packed with two stops.

Note: Made right and left hand. Illustration is right hand. In ordering state which hand is required.

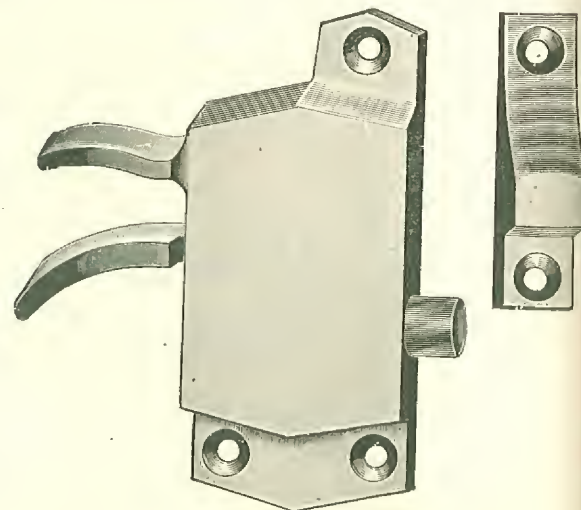
### CAST BRASS

No.	Finish	Each
3651	Dull Brass.....	\$1.00

*Twelve in a box with screws.*

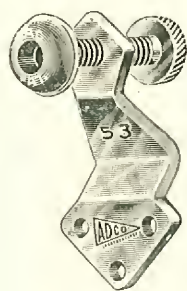


Nos. 9031 to 9039



No. 3651 Right Hand





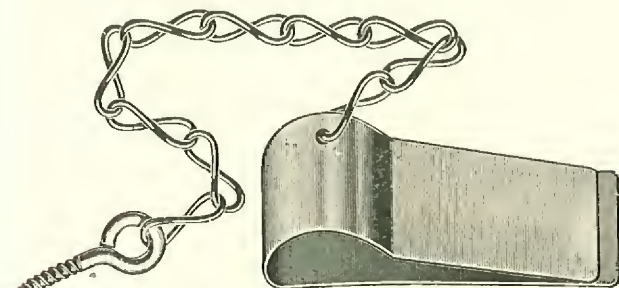
No. 53

Made of Brass Metal, Nickel Plated with Vacuum Rubber Tips.

No. 53 For Ford Sedans and Coupes, each.....\$.35  
51 Fits all closed cars, base  $\frac{3}{8} \times 1$ ", each......35

Twelve in a box.

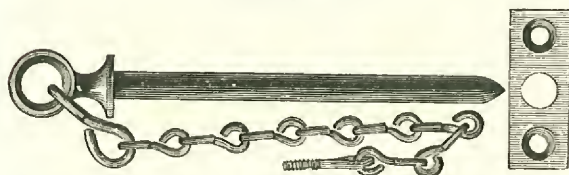
### ANTI RATTLER WINDOW WEDGE



No. 308 Brass Plated Steel with chain, each.....\$.10  
306 Brass Plated Steel without chain, each......05

72 in a box.

### SASH PIN

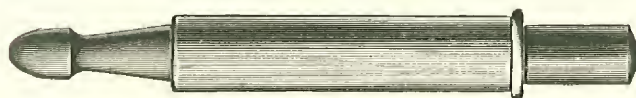


No. 28

No. 28—3" Cast Brass Pin with Plate and with Brass Chain and Screw Eye, each.....\$.25

36 in a box without screws.

### WINDOW SPRING BOLTS



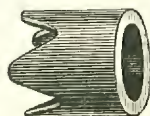
Nos. 10 and 57. No. 38 is  $\frac{1}{2}$ " longer.

No. 38 is suitable for wide sash and screen rails.

No. 10 Japanned Iron Bolt, each.....\$.04  
37 Tinned Steel Bolt, each......05  
38 Tinned Steel Bolt, each......06

100 in a box.

### SOCKET FOR WINDOW SPRING BOLT



No. 50

No. 50 Plain Cast Iron, each.....\$.02

100 in a box.

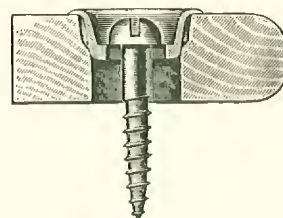
### SASH CUTS FULL SIZE. ANTI RATTLERS for Automobiles and Boats



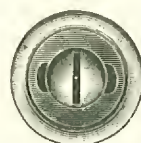
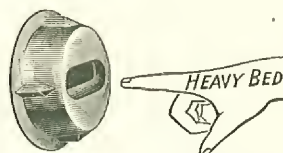
No. 51

### IVES WINDOW STOP ADJUSTERS

The only Stop Adjuster made from one piece of metal with solid ribs and heavy bed that will not cut, turn or bend in tightening the screw.



Sectional View

Nos. 740 to 783 $\frac{1}{2}$ 

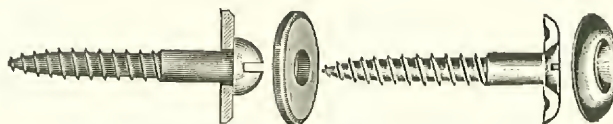
HEAVY BED

Permits adjustment of window stops at any time with the use of only a screw driver and without marring the wood-work. Round head screws finished to match.

No.	Finish	Metal	Each
749	Antique Copper	Steel Cups	.....\$.02 $\frac{1}{2}$
733 $\frac{1}{2}$	Bright Bronze	" "	......02 $\frac{1}{2}$
743	Dull Brass	" "	......02 $\frac{1}{2}$
773 $\frac{1}{2}$	Sand Old Brass	" "	......03
740	Nickel Plated	" "	......03
748	Bower Barff	" "	......03 $\frac{1}{2}$
750	Antique Copper	Bronze Cups	......04
734	Polished Bronze	" "	......04
751	Dull Brass	" "	......04
783 $\frac{1}{2}$	Sand Old Brass	" "	......04 $\frac{1}{2}$
742	Nickel Plated, Pol.	" "	......04 $\frac{1}{2}$
722	Nickel Plated, Dull	" "	......04 $\frac{1}{2}$

12 in a box, 144 in a carton with screws.

### STOP BEAD SCREWS AND WASHERS



Nos. W43 to W51

Nos. SW43 to SW83 $\frac{1}{2}$ 

Round Head Screw  $\frac{1}{4}$ " No. 8 with  $\frac{3}{8}$ " diameter washer.

No.	Finish	Metal	Each
W49	Antique Copper	Steel Washers	.....\$.01 $\frac{1}{4}$
W43	Dull Brass	" "	......01 $\frac{1}{4}$
W51	Dull Brass	Bronze Washers	......03
W83 $\frac{1}{2}$	Sand Old Brass	" "	......03 $\frac{1}{4}$
W42	Nickel Plated	" "	......03 $\frac{1}{4}$

Flat Head Screw  $\frac{1}{4}$ ". No. 8 with  $\frac{9}{16}$ " dia. washer.

No.	Finish	Metal	Each
SW49	Antique Copper	Steel Washers	.....\$.01
SW43	Dull Brass	" "	......01
SW73 $\frac{1}{2}$	Sand Old Brass	" "	......01 $\frac{1}{4}$
SW40	Nickel Plated	" "	......01 $\frac{1}{4}$
SW48	Bower Barff	" "	......01 $\frac{1}{4}$
SW51	Dull Brass	Bronze Washers	......02 $\frac{1}{2}$
SW42	Nickel Plated	" "	......02 $\frac{3}{4}$

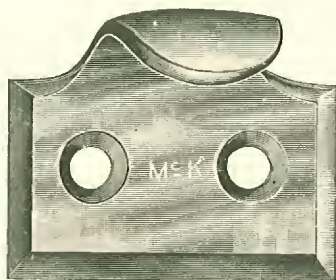
144 in a box with screws.

Washers only for wood screws, see page 206.



## HOOK SASH LIFTS

CUTS FULL SIZE.



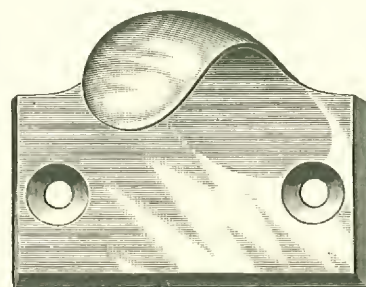
No. 2862  
WROUGHT STEEL

No.	Finish	Each
2862 AC	Antique Copper.....	\$.03 1/2
2862 OB	Dull Brass.....	.03 1/2
2862 OBS	Sand Old Brass.....	.04
2862 N	Nickel Plated.....	.05

## WROUGHT BRONZE

No.	Finish	Each
1442S	Nickel Plated.....	\$.12

36 in a box with screws.



Nos. 1531 to 1583 1/2  
CAST IRON

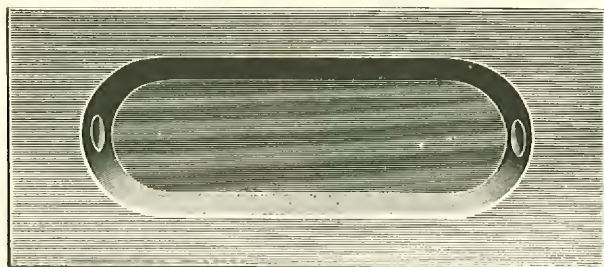
No.	Finish	Each
1531	Brown Lacquer.....	\$.05
1539	Antique Copper.....	.08
1537	Dull Brass.....	.08
1563 1/2	Sand Old Brass.....	.09
1546	Bower Barff.....	.10

## CAST BRONZE

No.	Finish	Each
1551	Dull Brass.....	\$.25
1583 1/2	Sand Old Brass.....	.27
1542	Nickel Plated.....	.27

36 in a box with screws.

## FLUSH SASH LIFTS



Nos. 2243S to 2283 1/2S  
WROUGHT STEEL

No.	Finish	Each
2249S	Antique Copper.....	\$.08
2243S	Dull Brass.....	.08
2248S	Bower Barff.....	.12

## WROUGHT BRONZE

No.	Finish	Each
2251 S	Dull Brass.....	\$.14
2283 1/2S	Sand Old Brass.....	.15
2242 S	Nickel Plated.....	.15

24 in a box with screws.



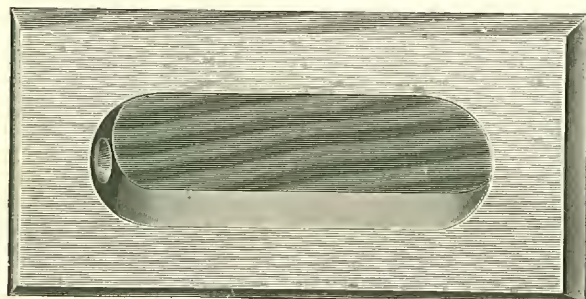
Nos. 2443S to 2483 1/2S  
WROUGHT STEEL

No.	Finish	Each
2449S	Antique Copper.....	\$.09
2443S	Dull Brass.....	.09

## WROUGHT BRONZE

No.	Finish	Each
2451 S	Dull Brass.....	\$.15
2483 1/2S	Sand Old Brass.....	.17
2442 S	Nickel Plated.....	.17

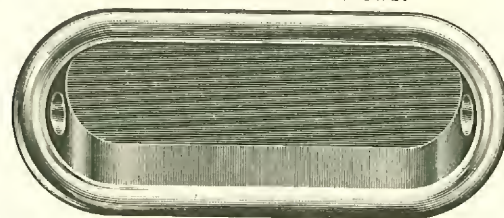
24 in a box with screws.



Nos. 2342B to 2383 1/2B  
CAST BRONZE

No.	Finish	Each
2351 B	Dull Brass.....	\$.45
2383 1/2B	Sand Old Brass.....	.50
2342 B	Nickel Plated.....	.50

12 in a box with screws.



Nos. 02251 and 02242  
CAST BRONZE

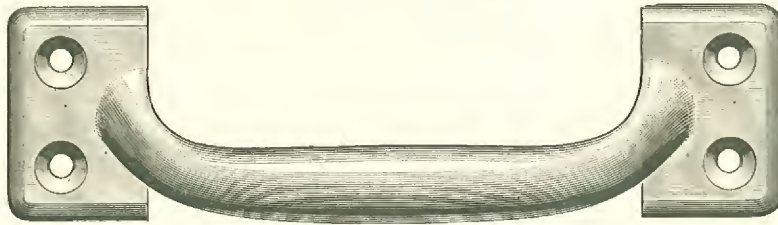
No.	Finish	Each
02251	Dull Brass.....	\$.45
02283 1/2	Sand Old Brass.....	.50
02242	Nickel Plated.....	.50

12 in a box with screws.



## BAR SASH LIFTS

CUTS FULL SIZE.



Nos. 02637 to 02683½

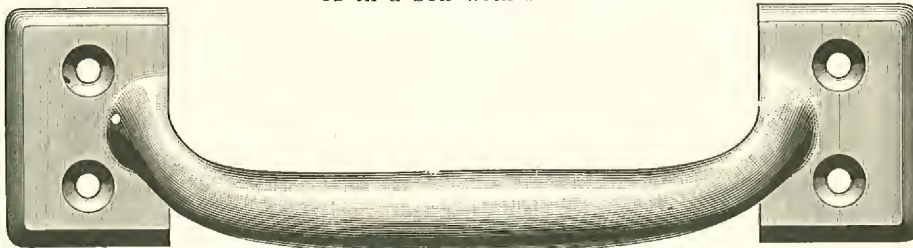
## CAST IRON

No.	Finish	Each
02631	Brown Lacquer.....	\$.07
02639	Antique Copper.....	.08
02639¾	Bright Bronze.....	.08
02637	Dull Brass.....	.08
02663½	Sand Old Brass.....	.09
02660	Nickel Plated.....	.09
02602	Nickel Plated, Dull.....	.09
02670	Galvanized.....	.10
02646	Bower Barff.....	.15

## CAST BRONZE

No.	Finish	Each
02650	Antique Copper.....	\$.35
02634	Polished Bronze.....	.35
02651	Dull Brass.....	.35
02683½	Sand Old Brass.....	.38
02642	Nickel Plated, Polished.....	.38
02622	Nickel Plated, Dull.....	.38

12 in a box with screws.



Nos. 2637 to 2683½

## CAST IRON

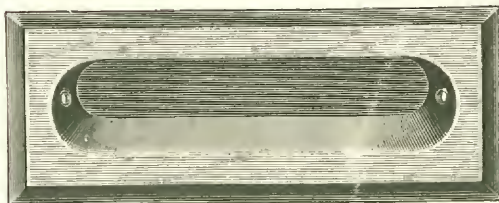
No.	Finish	Each
2631	Brown Lacquer.....	\$.08
2639	Antique Copper.....	.09
2637	Dull Brass.....	.09
2663½	Sand Old Brass.....	.10
2660	Nickel Plated.....	.10
2670	Galvanized.....	.12
2646	Bower Barff.....	.17

## CAST BRONZE

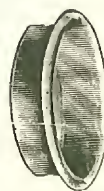
No.	Finish	Each
2650	Antique Copper.....	\$.40
2651	Dull Brass.....	.40
2683½	Sand Old Brass.....	.45
2642	Nickel Plated.....	.45

12 in a box with screws.

## SCREEN LIFTS



No. 35S



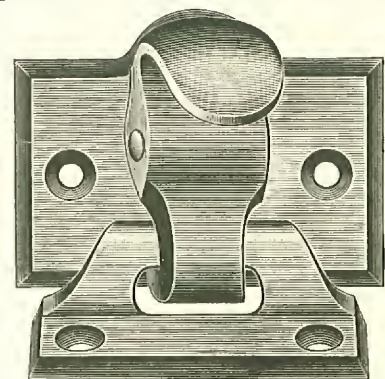
No. 10300

No.	Metal	Finish	Attached	Each
35S	Wrought Brass	Plain	With Pins.....	\$.08
10300	Wrought Brass	Plain	To Drive.....	.04

No. 35S Packed 36 in a box with pins.

No. 10300 packed 144 in a box.

Note: If Pull for edge of screen is desired, see Nos. 1929¼, 1919¼ and 1909¼, page 108.

COMBINED  
SASH LIFT AND LOCK

Nos. 1637 and 1639

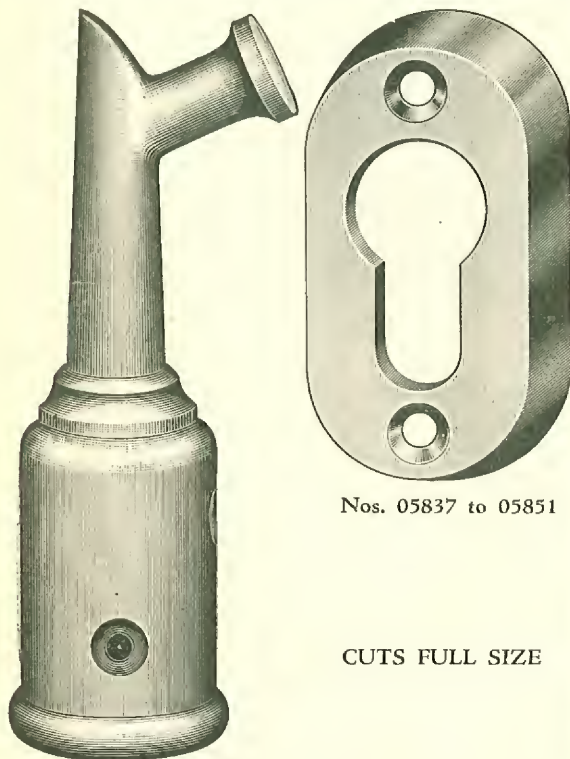
## CAST IRON

No.	Finish	Each
1639	Antique Copper.....	\$.30
1637	Dull Brass.....	.30

12 in a box with screws.



## SASH POLES, HOOKS AND HANGERS



Nos. 05837 to 05851

CUTS FULL SIZE

Nos. 1731L to 1751L

## SASH POLES

Solid Oak 1 1/4" diameter. Polished and Dark Shelled. Ends turned to receive hooks.

Length feet.....	6	8	10	12
Each .....	\$ .90	\$ 1.20	\$ 1.50	\$ 1.80

## PULL DOWN HOOKS Sash Pole

No.	Finish	Metal	Each
1739L	Antique Copper	Cast Iron	.....\$ .30
1737L	Dull Brass	" "	......30
1751L	" "	Cast Brass	......75

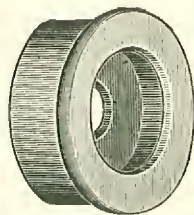
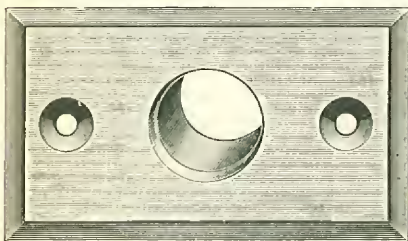
12 in a box with screws.

## SASH POLE HANGERS

No.	Finish	Metal	Each
05839	Antique Copper	Cast Iron	.....\$ .15
05837	Dull Brass	" "	......15
05851	" "	Cast Brass	......40

12 in a box with screws.

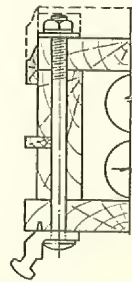
## SASH PULL PLATES AND SOCKETS



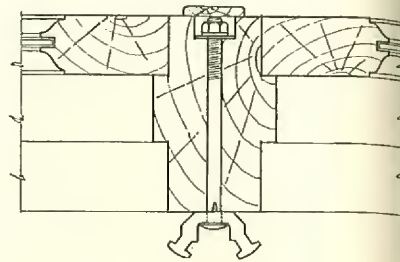
Nos. 1843S to 1873 1/2 S

No.	Finish	Metal	Each
1849S	Antique Copper	Cast Iron	.....\$ .10
1843S	Dull Brass	" "	......10
24 in a box with screws.			
9839	Antique Copper	Cast Iron	.....\$ .12
9837	Dull Brass	" "	......12
9863 1/2	Sand Old Brass	" "	......14
9851	Dull Brass	Cast Brass	......30
Twelve in a box with screws.			

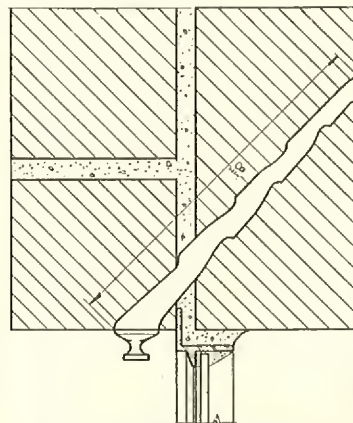
## WINDOW CLEANERS ANCHORS



No. 4D Anchor for Wood Jamb.



No. 45 Anchor for Wood Mullion.



No. 1 Anchor for Brick.



Window Cleaners Belt in use.

## NATIONAL ROYAL HOLDFAST ANCHORS

Approved by Underwriters Laboratories, Inc., for practicability, durability, strength and protection afforded.

The Anchors here shown have one head.

Anchors with two heads, called the "Four Bolt System", can be furnished. Only three types of anchors are here shown but other types are listed, for use on steel frames and mullions, for concrete, and for installing in buildings already erected.

## TWO-BOLT SYSTEM

NATIONAL ROYAL HOLD FAST ANCHORS  
BRONZE METAL

No. 1 Single Head for Brick jamb, each.....\$ .48

## FOR MASONRY ALREADY ERECTED.

No. 10 Single Head with Expansion Sleeve, each.....\$ 1.33

## FOR NEW CONCRETE WORK.

No. 6 Single Head to build in, each.....\$ .80

## FOR WOOD

No. 4D Single Head for Wood Jamb, with bronze bolt 8 1/2 or 10" long, each.....\$ .80

No. 45 Twin Head for Wood Mullion, with bronze bolt 8 1/2 or 10" long, each.....\$ 1.07

No. 17 Special Head Coach Screw for Wood Jamb or Mullion, each.....\$ .24

## FOR SOLID STEEL SECTION.

No. 11 Single Head Straight Base for Steel Jamb, each.....\$ .60

No. 8 Single Head Offset Base for Steel Jamb, each.....\$ .60

No. 4C Twin Head for Steel Mullion, two screw holes in vertical line, each.....\$ .91

No. 7E Twin Head for Steel Mullion, two screw holes in horizontal line, each.....\$ .91

## BELT.

No. 1A All leather, two rope safety belt complete with attachments, each.....\$24.00



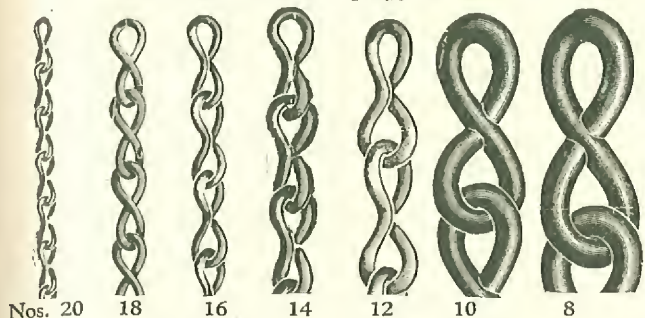
## SINGLE JACK CHAIN

CUTS FULL SIZE

## CHAIN

## STEEL WIRE SPROCKET CHAIN

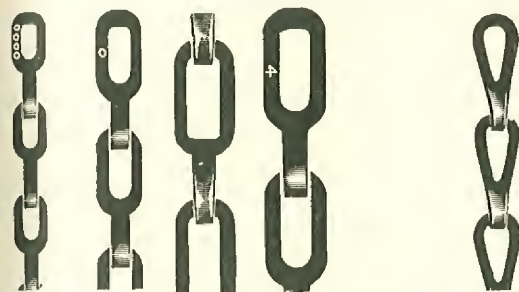
CUTS FULL SIZE



	List per box. 36 feet in a box.						
No.	20	18	16	14	12	10	8
Steel	\$.40	\$.45	\$.48	\$.55	\$.65	\$.80	\$.95
Brass	.55	.70	1.00	1.60	2.30	3.50	5.25

## SAFETY CHAIN PLUMBERS CHAIN

CUTS FULL SIZE



	List per box.			
No.	00	0	1	2
Steel	\$.10	\$.125	\$.145	\$.180
Brass	1.45	1.80	2.25	2.90

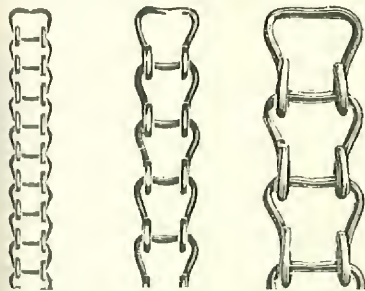
## PLUMBERS CHAIN

36 feet in a box. These sizes of Plumbers Chain differ only in thickness of metal. List per box.

No.	00	0	1
Brass Plain	\$.145	\$.180	\$.225
Brass Nickel Pltd.	1.45	1.80	

## BRASS LADDER CHAIN

CUTS FULL SIZE



	List per box. 36 feet in a box.		
No.	20	18	16
Brass	\$.100	\$.114	\$.200

## PORCH SWING CHAINS

One set in a box with hooks. Chains 7 1/2 ft. long. Per Set

"Y" Pattern, 2 Chains	\$.125
Straight Pattern, 4 Chains	2.00

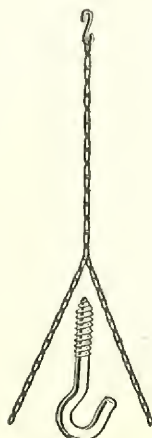
One set in a box.

## SPRINGS FOR PORCH

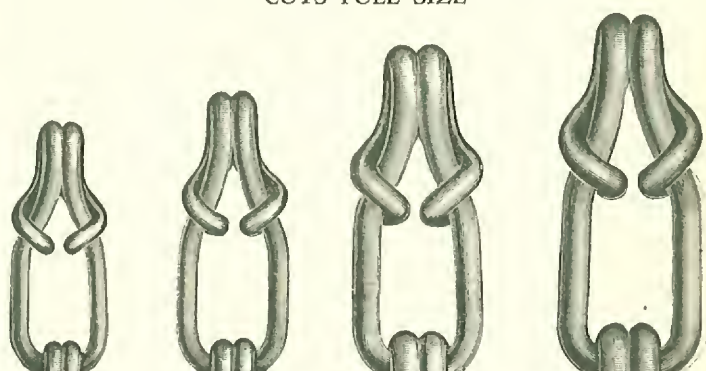
## SWINGS

R2-1 1/4" Dia., Per Pr.	\$.60
R1-1 3/4" Dia., Per Pr.	1.00

Packed in bulk.



"Y" Chain



No.	2	1	0	2/0	3/0	4/0	5/0
Lgth. of Link, inch	1 1/4	1 3/8	1 1/2	1 3/4	1 7/8	2 1/4	2 1/2
Gage of wire	13	12	11	10	9	8	7
Tens. Strength	560	940	1055	1545	1753	1915	2440
Plain, 100 ft.	\$3.50	\$4.00	\$4.50	\$5.00	\$6.25	\$7.50	\$9.00
Hot Galv., 100 ft.	Add 50% to price of Plain.						

Cartons contain 100 ft.

## TWISTED MACHINE CHAIN



Much used for Auto and Truck Tire Chains.

Size	2/0	3/0	4/0	5/0	6/0	8/0	9/0
Dia. of Steel	5/16	3/8	7/16	1/2	5/8	3/4	7/8
Lgth. of Link	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2 1/8	2 1/4
Ten. Strgth	1510	1760	1990	2660	3420	5160	6060
List, 100 ft.	\$13.00	\$13.50	\$15.00	\$22.50	\$25.00	\$30.00	\$34.00

100 feet in a package.

## STRAIGHT LINK PROOF COIL CHAIN



Unfinished Steel

Size	3/8	1/2	5/8	3/4	7/8
Lgth. of Link	1 3/8	1 1/2	1 7/8	2 1/8	2 1/4
Lbs. 100 ft.	40	70	105	158	275
Price per ft.	\$.10	\$.15	\$.20	\$.28	\$.40

In bulk, order as required.

## LOG CHAINS



3/8" Chain with Swivel, Grab Hook and Slip Hook.

Length Feet	12	14	16
Price, each	\$3.50	\$3.75	\$4.00



## SASH CHAIN AND SASH CHAIN FIXTURES



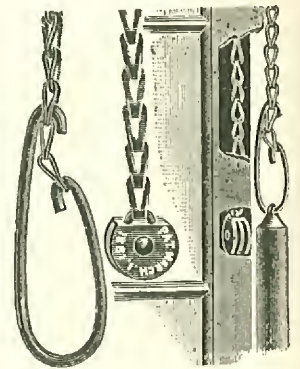
No. 80



No. 100

No. 130  
CUTS FULL SIZE

No. 250

ACCO  
CHAIN

### SASH CHAIN FIXTURES

A set consists of 4 hooks, 4 rings and 4 U pieces. Enough for one window of 2 sash.

No. 1 Heavy Fixtures.  
Per Set.....\$1.15  
25 sets in a box.

Sash Chain furnished in copper dipped steel (not rust proof) also in Sheradized Steel, which is Rust Proof and in Hard Bronze Metal.

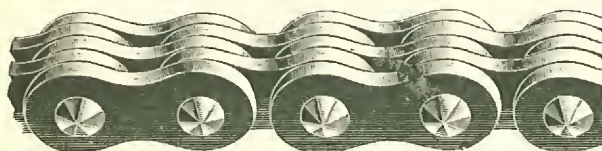
No.	Grade	For Sash Weighing	Gauge Metal	Tensile Strength Average	Price Per 100 ft.
80C	Coppered Steel	up to 80 lbs.	.032	450 lbs.	\$ 3.00
100C	" "	up to 100 lbs.	.042	560 lbs.	3.50
130C	" "	up to 130 lbs.	.049	680 lbs.	4.00
250C	" "	up to 250 lbs.	.060	940 lbs.	5.50
80SRP	Sheradized Steel	up to 80 lbs.	.032	450 lbs.	3.50
100SRP	" "	up to 100 lbs.	.042	560 lbs.	4.00
130SRP	" "	up to 130 lbs.	.049	680 lbs.	4.50
250SRP	" "	up to 250 lbs.	.060	940 lbs.	7.00
80B	Hard Bronze Metal	up to 80 lbs.	.032	400 lbs.	8.00
100B	" "	up to 100 lbs.	.042	508 lbs.	10.00
130B	" "	up to 130 lbs.	.049	613 lbs.	12.00
250B	" "	up to 250 lbs.	.060	869 lbs.	15.00

Packed 500 feet on a steel reel. Two reels in a case.

### "ACCO" CORD PULLEY CHAIN

For Round Groove Pulleys and light weight sash, takes the place of sash cord. Special Rust Proof finish steel chain, packed 100 ft. in a bag with 40 fixtures for attaching to weight and sash. Per bag.....\$2.25

### STEEL CABLE CHAIN FOR HEAVY DOOR FIXTURES FOR CABLE CHAIN HOIST DOORS CUTS FULL SIZE

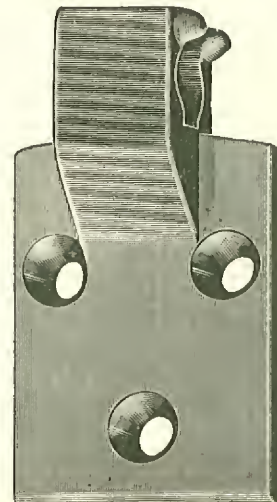


No. 6 Cable Chain



No. 110 Cable Chain

No. 6	For a door of 1000 lbs.,	Per foot.....	\$ .60
5	For a door of 800 lbs.,	Per foot.....	.44
4	For a door of 500 lbs.,	Per foot.....	.40
110	For a door of 250 lbs.,	Per foot.....	.34
Fixtures, 12 pieces to set,	Per set.....		.70
Door Plate, price on application.			
Stem Bolt, price on application.			
Special Pulleys must be used with cable chain, see page 152.			

Sash Fixtures  
for Cable Chain

Door Plate



Stem Bolt



## COTTON SASH CORD



## MONARCH SASH CORD

Solid braid. Made of long fibre spun cotton yarn. 9 threads, 12 strands. Not filled with whiting or anything else for appearance or to add weight. Monarch Sash Cord is quality cord.

Sizes No. 8 to 12 at base price.

Size No. 7—1 ct. per lb. higher than base price.

Size No. 6—3 cts. per lb. higher than base price.

Base price on application.

## SAMSON SPOT SASH CORD

Distinguished by the colored spots woven into the cord.

Sizes No. 8, 9 and 10 at base price.

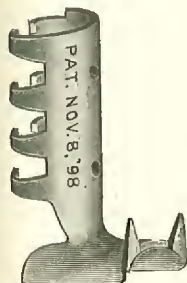
Size No. 7—1 ct. per lb. higher than base price.

Base price on application.

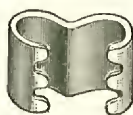
## SASH CORD INFORMATION

No.	6	7	8	9	10	12
Diameter, inches.....	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{7}{16}$	$\frac{3}{8}$
12-100 ft. hanks, wt. lbs.....	18	22	27	33	44	60
Feet, per pound.....	66	55	44	36	27	20
Suitable for weights lbs.....	5	5-12	12-20	20-30	30-40	40-50
Minimum dia. of pulley.....	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	$2\frac{1}{4}$ "	$2\frac{1}{2}$ "	3"

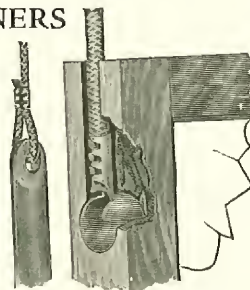
Put up in hanks of 100 ft., two hanks in one piece, 12 hanks in a bundle, 6 bundles or 72 hanks in a bale.

SASH CORD FASTENERS  
FOR COTTON CORD

Cord Fastener



Weight Fastener

As applied to  
Sash and Weight

Made of wrought steel and will not break. Applied with hammer or special pliers. Will not slip. Saves cord. One size only for No. 7 to No. 10 cord.

No. 180  $\frac{1}{2}$  Cord Fastener, 144 in a box, per box.....\$3.00

181 Weight Fastener, 144 in a box, per box.....\$1.25

182 Pliers for Fasteners, each.....\$.75

## MANILLA ROPE

## BEST GRADE

Size	Feet	New Rope	Safe
Dia.	to lb.	Breaks at	Load
$\frac{3}{8}$ "	21	1000	300
$\frac{1}{2}$ "	13	1800	500
$\frac{5}{8}$ "	$7\frac{1}{2}$	3000	850
$\frac{3}{4}$ "	6	4000	1050
1"	$3\frac{1}{2}$	6750	1800
$1\frac{1}{4}$ "	2	11000	2700

Price on application. State size and quantity.

Full coils contain 1200 feet, half coils 600 feet.

## BRAIDED COTTON ROPE

Made same as sash cord.

No. 16— $\frac{1}{2}$ " dia. weight about 9 lbs. to 100 ft.

Price per lb. on application. State quantity.

Put up in coils of 1200 feet.

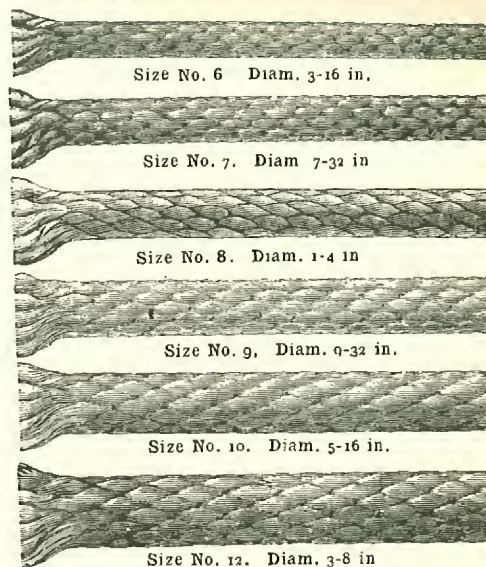
## TWISTED COTTON ROPE

Suitable for Awnings, Clothes Lines, etc.

$\frac{3}{8}$ " Dia., price per lb. on application.

$\frac{1}{4}$ " Dia., price per lb. on application.

On reels of about 50 lbs.

Size No. 6 Diam.  $\frac{3}{16}$  in.Size No. 7. Diam.  $\frac{7}{32}$  in.Size No. 8. Diam.  $\frac{1}{4}$  in.Size No. 9. Diam.  $\frac{9}{32}$  in.Size No. 10. Diam.  $\frac{5}{16}$  in.Size No. 12. Diam.  $\frac{3}{8}$  in.

## WIRE SASH CORD



Galvanized Steel, very flexible.

6 Strand, 7 wires to strand, cotton center.

Size	Approximate Breaking Strength	Per Ft.
$\frac{1}{8}$ "	467 pounds	\$.04
$\frac{3}{16}$ "	947 pounds	.05
$\frac{1}{4}$ "	1600 pounds	.06

Order as required.

## WIRE CENTER SASH CORD

Mahogany colored braided cotton cord with an enameled steel wire center. Cord made in two sizes.

No. 8— $\frac{1}{4}$ " Dia. for  $2\frac{1}{2}$ " pulley, per ft.....\$.06

10— $\frac{5}{16}$ " Dia. for 3" pulley, per ft......08

In 100 ft. hanks, two hanks in one piece.

## STANDARD WIRE HOISTING ROPE



6 Strand, 19 wires to strand.

Dia. of rope.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "
Safe load, lbs.....	1000	2000	3600	5600

Price per ft. on application.

## GALVANIZED WIRE STRAND



7 wire strand, for guy lines.

Dia. of strand.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Breaking loads, lbs.....	1900	4250	7400

Price per foot on application.

## WIRE ROPE CLAMPS

For rope.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Crosby, each.....	\$.30	\$.35	\$.40	\$.45	\$.50
Common, each.....	.10	.10	.20	.25	.30

## WIRE CLOTHES LINES

100 foot coils.

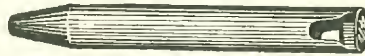
No. 9 Solid Galvd., Single wire, per coil.....\$.65

No. 4 Hollow Galv., Twist. Cable, per coil......65





## SASH WEIGHTS



## REGULAR ROUND CAST IRON SASH WEIGHTS

## APPROXIMATE SIZES

Weight lbs.....	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2
Diameter, in.....	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 3/4	1 3/4
Length, in.....	7 1/2	8 1/2	10	11 1/2	12 1/2	13 1/4	14	15	16	17	18	19	19 1/2	20 1/2	17 1/2	18 1/4
Weight lbs.....	11	11 1/2	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Diameter, in.....	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	2	2	2	2	2	2	2	2	2	2
Length, in.....	19	19 3/4	20 1/2	22	23 1/2	25	21 1/2	22 1/2	23 3/4	25 1/2	26 1/2	27 1/2	28 1/2	29 1/2	30 1/2	31 1/2

Sash weights are sold by the pound, price on application.

## SPECIAL SASH WEIGHTS



## SASH WEIGHT WASHERS

Cast Iron, 2 sizes.

1/2 lb.—1 3/8" diameter.

1 lb.—1 7/8" diameter.

With hole in center for cord or chain to pass through allowing washer to rest on top of weight.

Price on special weights on application.

State kind and quantity.



Iron



Lead



Sectional



Compound

## INFORMATION IN REGARD TO SASH WEIGHTS

Caution: Special weights have only scrap value if returned. Be sure you are right before ordering.

BEFORE ORDERING WEIGHTS always weigh each sash and take one half of that for each "weight." For large sash requiring special weights, take note of following:

Size of weight box, clearance of 1/4" all around should be allowed. Height of each sash. Weight cannot be longer than distance from bottom of sash to bottom of pulley. Overhead pulleys give about eight inches more height than side pulleys. Cast Iron weighs about 1/4 lb. to the cubic inch. A 2x2" square weight weighs about 1 lb. to the inch of length. Lead weights are about one third heavier than iron weights of same dimensions. Very long weights can be made in two pieces, so as to go through pocket opening. Iron and lead weights can be made in any weight, width and thickness. Lead weights cost four or five times as much as Iron Weights.

SECTIONAL WEIGHTS: 5, 6, 7, 8, 9 and 10 lbs. each. Furnished 1 3/4x2" and larger. 2x2" sectional weight is stock size.

COMPOUND WEIGHT WITH PULLEY. Used in mullion between two sash of equal weight.

## APPROXIMATE WEIGHT OF GLAZED SASH

Weights are for 1 3/8" Check Rail Sash, one light to the sash.

Note: These estimated weights are for common window glass only.

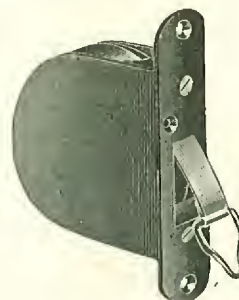
Size of Glass Inches	Single Strength Per Sash	Double Strength Per Sash	Size of Glass Inches	Single Strength Per Sash	Double Strength Per Sash	Size of Glass Inches	Single Strength Per Sash	Double Strength Per Sash
20x24	8 lbs.	10 lbs.	22x34	12 lbs.	14 lbs.	26x34	14 lbs.	16 lbs.
26	8 1/2 lbs.	10 lbs.	36	13 lbs.	15 lbs.	36	15 lbs.	18 lbs.
28	9 lbs.	11 lbs.	38	14 lbs.	16 lbs.	38	16 lbs.	19 lbs.
30	9 1/2 lbs.	11 1/2 lbs.	40	15 lbs.	18 lbs.	40	17 lbs.	20 lbs.
32	10 lbs.	12 lbs.	24x30	11 lbs.	12 lbs.	26x32	14 lbs.	16 lbs.
34	11 lbs.	13 lbs.	32	12 lbs.	14 lbs.	34	15 lbs.	18 lbs.
36	12 lbs.	14 lbs.	34	13 lbs.	15 lbs.	36	16 lbs.	19 lbs.
38	13 lbs.	15 lbs.	36	14 lbs.	16 lbs.	38	17 lbs.	20 lbs.
40	14 lbs.	16 lbs.	38	15 lbs.	18 lbs.	40	18 lbs.	21 lbs.
22x28	9 lbs.	11 lbs.	40	16 lbs.	19 lbs.	32x36	17 lbs.	20 lbs.
30	10 lbs.	12 lbs.	26x30	12 lbs.	14 lbs.	38	18 lbs.	21 lbs.
32	11 lbs.	13 lbs.	32	13 lbs.	15 lbs.	40	19 lbs.	23 lbs.



## CALDWELL SASH BALANCES

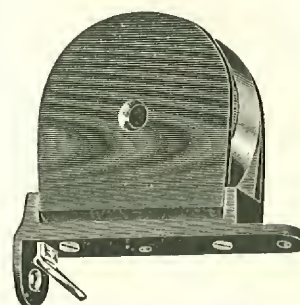
Side Balance Number	Top Balance Number	Price per set four balances	Weight each sash pounds	Length of tape inches	Dimensions of mortise	
					Width	Depth
B6	B06	\$ 2.20	4 to 6	30	1 1/4"	3 5/8"
B8	B08	2.42	6 to 8	30	1 1/4"	3 5/8"
B10	B010	2.64	8 to 10	34	1 1/4"	3 5/8"
B12	B012	2.86	10 to 12	38	1 1/4"	3 5/8"
B14	B014	3.08	12 to 14	42	1 1/4"	3 5/8"
B16	B016	3.30	14 to 16	42	1 1/4"	3 5/8"
B18	B018	3.52	16 to 18	44	1 1/4"	3 5/8"
B20	B020	3.74	18 to 20	46	1 1/4"	3 5/8"
B23	B023	4.40	20 to 23	50	1 1/4"	3 5/8"
B26	B026	4.68	23 to 26	50	1 1/4"	3 5/8"
B29	B029	4.95	26 to 29	52	1 1/4"	3 5/8"
B32	B032	5.23	29 to 32	52	1 1/4"	3 5/8"
C35	C035	6.05	32 to 35	54	1 7/8"	4 3/4"
C38	C038	6.33	35 to 38	54	1 7/8"	4 3/4"
C41	C041	6.60	38 to 41	54	1 7/8"	4 3/4"
C44	C044	6.88	41 to 44	54	1 7/8"	4 3/4"
C47	C047	7.15	44 to 47	50	1 7/8"	4 3/4"
C50	C050	9.90	47 to 50	50	1 7/8"	4 3/4"
C53	C053	10.34	50 to 53	50	1 7/8"	4 3/4"
C56	C056	10.73	53 to 56	50	1 7/8"	4 3/4"
D59	D059	11.22	56 to 59	50	1 3/4"	5 1/8"
D63	D063	11.66	59 to 62	50	1 3/4"	5 1/8"
D65	D065	12.10	62 to 65	50	1 3/4"	5 1/8"
D68	D068	12.54	65 to 68	50	1 3/4"	5 1/8"
D71	D071	12.98	68 to 71	50	1 3/4"	5 1/8"
D75	D075	13.42	71 to 75	50	1 3/4"	5 1/8"
D78	D078	13.86	75 to 78	50	1 3/4"	5 1/8"
D81	D081	14.30	78 to 81	50	1 3/4"	5 1/8"
D84	D084	14.74	81 to 84	50	1 3/4"	5 1/8"
D87	D087	15.18	84 to 87	50	1 3/4"	5 1/8"
D90	D090	15.62	87 to 90	50	1 3/4"	5 1/8"
D93	D093	16.06	90 to 93	50	1 3/4"	5 1/8"
D96	D096	16.50	93 to 96	50	1 3/4"	5 1/8"
D100	D0100	16.94	96 to 100	50	1 3/4"	5 1/8"

SIDE PATTERN



Nos. B6 to D100

OVERHEAD PATTERN



Nos. B010 to B0100

Side Balances from 6 to 35 lbs. are carried in stock. Top balances from 10 to 20 lbs. are carried in stock.

Side and top balances are same size.

Note: Angle in front of top balance.

Can ship all sizes promptly from factory.

## DIMENSIONS OF FACE PLATE

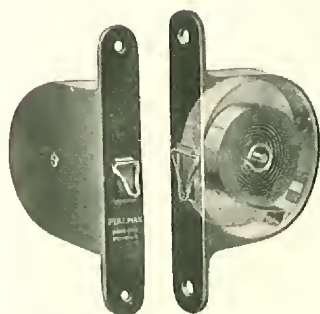
Side Balances  
B Size—1 1/4 x 5 1/2 inches  
C Size—1 7/8 x 6 3/4 inches  
D Size—1 3/4 x 8 1/2 inches

Top Balances  
1 1/4 x 4 1/8 and 1 1/8 inches  
1 7/8 x 6 " 3/4 "  
1 3/4 x 8 3/4 " 1 3/8 "

Packed one set in a box with screws.

## PULLMAN SASH BALANCES—ALL STEEL

Can be furnished for sash up to 100 lbs. in weight and in larger size case.



Side Balance  
Dimensions  
Face 6x1"  
Depth 3 5/8"

Side Pattern No.	Top Pattern No.	Weight of Each Sash	Length of Tape in.	Per Set of 4 Balances
0K	100K	4 to 5 lbs.	30"	\$2.70
1K	101K	6 to 7 lbs.	30"	2.70
2K	102K	8 to 9 lbs.	30"	2.70
3K	103K	10 to 11 lbs.	46"	3.00
4K	104K	12 to 13 lbs.	46"	3.00
5K	105K	14 to 15 lbs.	46"	3.00
6K	106K	16 to 17 lbs.	46"	3.10
7K	107K	18 to 19 lbs.	46"	3.10
8K	108K	20 to 21 lbs.	46"	3.10
9K	109K	22 to 23 lbs.	46"	3.10
10K	110K	24 to 26 lbs.	46"	3.75
11K	111K	27 to 29 lbs.	46"	3.75
12K	112K	30 to 32 lbs.	46"	3.75



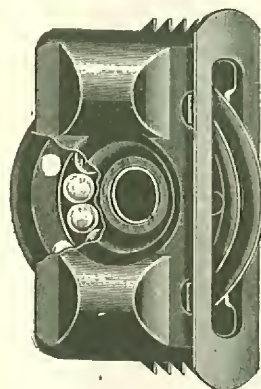
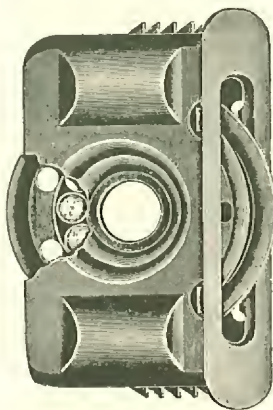
Top Balance  
Top Face 1x4 1/8"  
Side Face 1x1 1/4"  
Depth 3 5/8"

Templates for boring frames furnished on request and without charge.



## STEEL SASH PULLEYS

QUANTITY PRICES QUOTED ON REQUEST.

TRIPLE BIT  
PULLEYNo. 9 Ball Bearing and  
No. 109 Cone Bearing.QUADRUPLE BIT  
PULLEYNo. 10 Ball Bearing and  
No. 110 Cone Bearing.

The saw tooth ends automatically fasten the pulley in the frame. Screws are not required. No counter boring for face plate is necessary. Pulleys have black weatherproof finish. Maker and driver supplied in each case.

Nos. 9 and 109. The mortise for these pulleys is made by boring a line of three one inch holes  $\frac{3}{4}$ " on centers or by using the power triple bit shown below.

No. 9 Ball Bearing Pulley, Each.....\$.08  
No. 109 Cone Bearing Pulley, Each..... .07

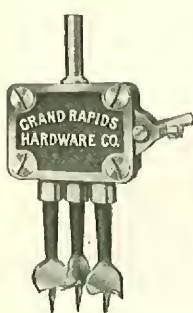
Nos. 10 and No. 110. The mortise for these pulleys is made by boring a line of four  $\frac{1}{8}$ " holes  $\frac{3}{8}$ " on centers or by using the power quadruple bit shown below.

No. 10 Ball Bearing Pulley, Each.....\$.08  
No. 110 Cone Bearing Pulley, Each..... .07

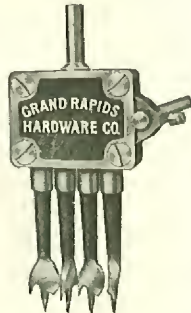
*Packed in bulk, 1200 pulleys in a case.*

## WEIGHT OF CASES

No. ....	9	109	10	110
Pounds .....	180	170	175	165

POWER BORING BITS ( $\frac{1}{2}$ " Round Shank)

No. 11



No. 12

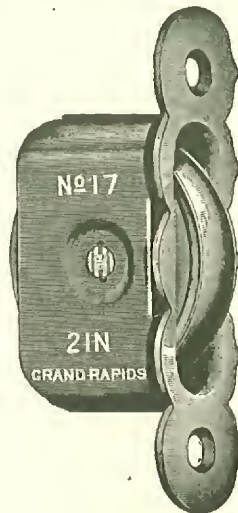


No. 103

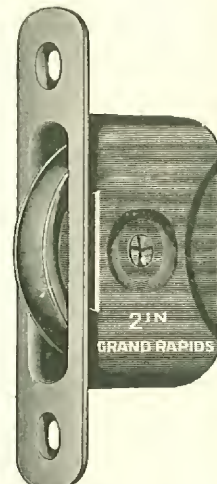
Should be run at about 600 R. P. M.

No. 11 Bores for No. 9 and No. 109 Pulley, each.....\$20.00  
No. 12 Bores for No. 10 and No. 110 Pulley, each..... 20.00  
No. 103 Bores for No. 17 Pulley, each..... 28.00

Weight about  $4\frac{1}{2}$  lbs. each.



No. 17C



Nos. 18C to 22CB

No. 17C Common Sense Pattern. Mortise made by boring a line of five one-inch holes  $\frac{3}{4}$ " on centers. End holes should be only  $\frac{1}{8}$ " deep, or mortise can be made in one operation by using power quintuple bit shown below. Face Plate is  $1 \times 4$ " Turned Steel Axle. Boston Bronze (Brown Lacquer) finish.

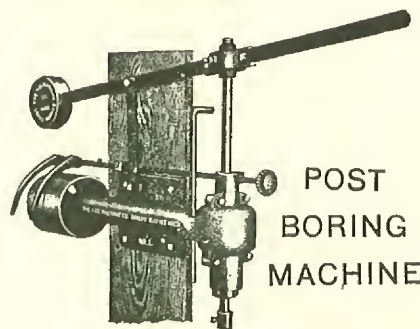
No. 17C—2" wheel Plain Bearing, each.....\$.07  
*Packed in bulk, 1200 in a case, weight 195 lbs.*

Nos. 18C, 140C, 21C and 22C. Straight face plates, with round ends. Turned steel axles, Boston Bronze Finish.

No.	Size Wheel	Size Face Plate	Axle	Pulleys in case	Each
18C	2 "	1 x $4\frac{1}{2}$ "	$\frac{1}{4}$ " plain	1140	.....\$.07
140C	2 "	$1\frac{1}{8}$ x $4\frac{1}{2}$ "	$\frac{1}{4}$ " plain	1080	..... .07
21C	$2\frac{1}{4}$ "	$1\frac{1}{8}$ x 5 "	$\frac{3}{8}$ " plain	360	..... .14
21CB	$2\frac{1}{4}$ "	$1\frac{1}{8}$ x 5 "	Ball Bearing	360	..... .23
22C	$2\frac{1}{2}$ "	$1\frac{1}{8}$ x $5\frac{1}{4}$ "	$\frac{3}{8}$ " plain	300	..... .15
22CB	$2\frac{1}{2}$ "	$1\frac{1}{8}$ x $5\frac{1}{4}$ "	Ball Bearing	300	..... .25

## WEIGHT OF CASES.

No. ....	18C	140C	21C	21CB	22C	22CB
Pounds .....	200	207	115	125	105	115

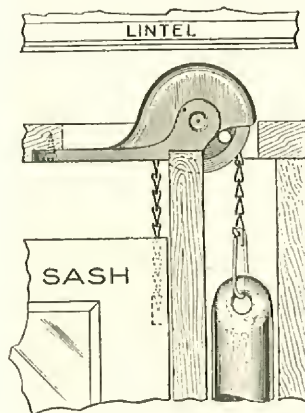
POST  
BORING  
MACHINE

No. 1 Power Post Boring Machine has tight and loose pulleys  $3\frac{1}{4} \times 7$ " which should be run at about 600 revolutions per minute. Has belt shifter, adjustable stop for depth of hole, and a counter balance on lever to which a simple foot treadle can be attached, for bringing down the vertical spindle, chuck is for  $\frac{1}{2}$ " round straight Shank.

No. 1 Post Boring Machine, each.....\$50.00

F. O. B. Grand Rapids, Mich.





Nos. 200 and 201  
Single Overhead Pulley

## OVERHEAD SASH PULLEYS

### OVERHEAD SASH PULLEYS FOR SINGLE WINDOWS

The use of this pattern of pulley gives about 8 inches more pocket space than the regular side pattern pulley and will sometimes save the extra expense of lead weights. Wheels have combination groove for chain or cord. Turned wheel, heavy axle.

No.	Finish of Front	Size Wheel Size Front	2 1/4" 1x3 3/4	2 1/2" 1x3 3/4	3" 1x4 1/4
200	Polished and Lacquered, each.....		\$.45	\$.50	\$.60
201	Polished Sheet Brass, each.....		.65	.70	.80
	Add for Roller Bearing, each.....		.07	.07	.07
	Add for Ball Bearing, each.....		.25	.25	.25

Roller Bearing and Ball Bearing not carried in stock.

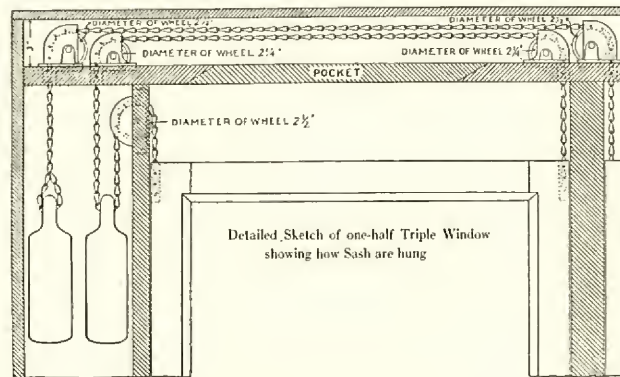
Packed six in a box. Screws with brass fronts.

### ACME SASH PULLEY SETS FOR MULLION WINDOW FRAMES

#### Points of Superiority

With this type of mullion frame pulley the frame is not weakened by mortise at the point where the top and sides are nailed together. Cannot pull out.

Quickest for mill man to apply to frame. Quickest for contractor to hang the sash.



This sketch shows arrangement of pulleys  
For twin and triple frames.

Wheels have combination groove for chain or cord.

Clear Overhead Pocket Space  
Required.

For Twin Windows, 2 1/4".

For Triple Windows, 2 3/4".

For Quad. Windows, 2 3/4".

### TWIN WINDOW SET

No. 2	Pol. and Lacq. Iron Front. Consists of 4—2 1/2" Side Pulleys and 8—2 1/4" Single Top Pulleys, per set.....	\$4.00
No. 20	Pol. Sheet Brass Front. Consists of 4—2 1/2" Side Pulleys and 8—2 1/4" Single Top Pulleys, per set.....	5.00

### TRIPLE WINDOW SET

No. 3	Pol. and Lacq. Iron Front. Consists of 4—2 1/2" Side Pulleys, 8—2 1/4" and 8—2 1/2" Single Top Pulleys, per set.....	\$6.80
No. 30	Pol. Sheet Brass Front. Consists of 4—2 1/2" Side Pulleys, 8—2 1/4" and 8—2 1/2" Single Top Pulleys, per set.....	8.50

### QUADRUPLE WINDOW SET

No. 4	Pol. and Lacq. Iron Front. Consists of 4—2 1/2" Side Pulleys, 12—2 1/4" Single, 8—2 1/2" Double Top Pulleys, set.....	\$ 9.90
No. 40	Pol. Sheet Brass Front. Consists of 4—2 1/2" Side Pulleys, 12—2 1/4" Single, 8—2 1/2" Double Top Pulleys, set.....	11.10

One set in a box. Screws with brass fronts.

### PULLEYS USED IN MULLION FRAME SETS

Turned Wheel. Combination Groove, Heavy Axle.

No. 77 1/2	Side Pulley 2 1/2" Wheel, Polished and Lacquered, Round End Front 1 1/8x5 1/2", each.....	\$.30
677 3/4	Side Pulley 2 1/2" Wheel, Polished Sheet Brass, Round End Front 1 1/8x5 1/2", each.....	.60
2 1/4 S	Top Pulley 2 1/4" Single Wheel, Concealed Front to counter bore, each.....	.45
2 1/2 S	Top Pulley 2 1/2" Single Wheel, Concealed Front to counter bore, each.....	.45
2 1/2 D	Top Pulley 2 1/2" Double Wheel, Concealed Front to counter bore, each.....	.60
	Add for roller bearings.....	.07
	Add for ball bearing.....	.25

Roller bearing and ball bearing overhead pulleys not carried in stock.



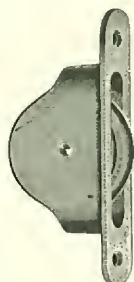
## COMMON SASH PULLEYS

CAST IRON

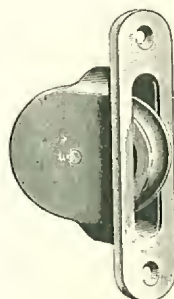
QUANTITY PRICES QUOTED ON REQUEST



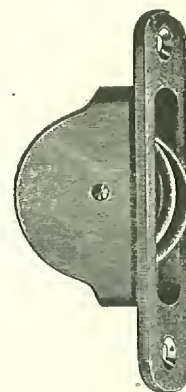
No. 235



No. 230



No. 230X



No. 2130X

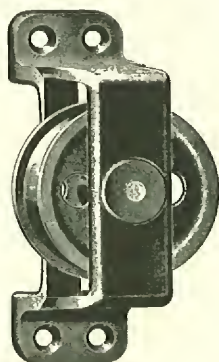
## PLAIN ROUND END FRONTS—POLISHED ROUND GROOVE WHEELS

No. *235	Size Wheel 2 "	Size Front 1 x4 "	Barrels Contain 1500 Pulleys	Each .....	\$.07
230	Size Wheel 2 "	Size Front 1 x4 3/8 "	Barrels Contain 1500 Pulleys	Each .....	.07
230X	Size Wheel 2 "	Size Front 1 1/8 x4 1/2 "	Barrels Contain 1200 Pulleys	Each .....	.08
2130X	Size Wheel 2 1/4 "	Size Front 1 1/8 x5 "	Barrels Contain 1080 Pulleys	Each .....	.10

*Packed in bulk, in barrels, in quantity mentioned above without screws.*

\*No. 235 is Common Sense Pattern and does not have straight sides. Mortise made by boring five one-inch holes in line and 3/4-inch centers or by using quintuple power boring bit No. 103 shown on page 148.

## COUNTER BALANCE PULLEYS



No. 98

This pulley is used for counter balancing two sash of equal weight.

This is a practical and economical method of hanging sash in factories. Plank frames without boxes are used as no weights are required. One pulley on each side of frame is attached at top of frame above the lower sash. Sash chain is then run through the pulley from top of one sash to the other. Chain is fastened to the inside face of each sash with 1 1/4" staples or round head screws. Regular sash locks and sash lifts can be used.

No. 98—2 1/2" Turned Square Groove Wheel for chain, Japanned Iron Frame Heavy Steel axle, each.....\$.35

*Twelve in a box without screws.*

## FACTORY SASH ROLLERS



No. 0

Used generally on horizontal runs of single sash in monitors or sides of factory buildings, every other sash being stationary and the movable sash sliding back of stationary sash.

No. 0 Factory Sash Roller 2 1/4" Steel Wheel. Frame wrought steel 1 3/8 x 5" Japanned Finish, each.....\$.25

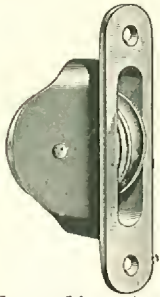
*Packed in bulk, 1200 in a barrel without screws.*



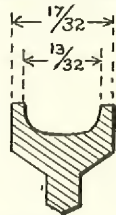
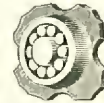
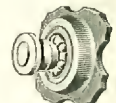
## HIGH GRADE SASH PULLEYS

CAST IRON

## STANDARD WEIGHT PULLEYS



Nos. 05½ to 675¾

Combination  
Groove for  
Chain or CordFull size cut  
of grooveAnti Friction or  
Roller Bearing

Ball Bearing

## LATHE TURNED WHEELS

The combination groove is the best groove for sash chain.

No.	Front	Axle	Size Wheel Size Front	2" 1⅞x4½"	2¼" 1⅞x5"	2½" 1⅞x5½"
05½	Plain	⅝" Plain	Each.....	\$15	\$20	\$25
75½	Polished and Lacquered	⅝" Plain	" .....	.17	.22	.27
P175½	Electro Bronze Pltd.	⅝" Plain	" .....	.30	.35	.40
675¾ AF	Wrought Brass	Anti. Friction	" .....	.40	.50	.60
Add for Anti. Friction Bearing, Each.....\$07				Add for Ball Bearing, Each.....\$25		

Bearings in stock only as listed above. Pulleys with other bearings made to order.

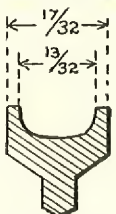
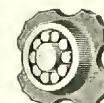
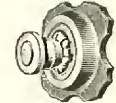
No. 05½ in bulk without screws. Barrels contain 2"—900, 2¼"—720, 2½"—540 pulleys.

Nos. P175½ and 677¾ AF twelve in a box with screws to match.

## HEAVY DUTY PULLEYS



Nos. 77½ to 677¾

Combination  
Groove for  
Chain or CordFull size cut  
of grooveAnti Friction or  
Roller Bearing

Ball Bearing

## LATHE TURNED WHEELS

The combination groove is the best groove for sash chain.

No.	Front	Axle	Size Wheel Size Front	2¼" 1⅞x5½"	2½" 1⅞x5¾"	3" 1⅞x6½"
77½	Polished and Lacquered	⅝" Plain	Each.....	\$25	\$30	\$45
P177½	Electro Bronze Plated	⅝" Plain	" .....	.40	.45	.60
677¾	Wrought Brass	⅝" Plain	" .....	.50	.60	.80
Add for Anti. Friction Bearing, Each.....\$07				Add for Ball Bearing, Each.....\$25		

Bearings in stock only as listed above. Pulleys with other bearings made to order.

No. 77½ twelve in a paper without screws.

No. P177½ twelve in a box with screws to match.

No. 677¾ twelve in a box with screws to match.

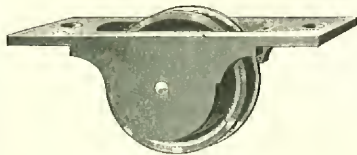


# HOIST DOOR PULLEY



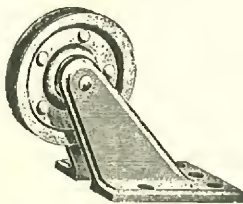
# PULLEYS AND SHEAVES

## DUMB WAITER PULLEY



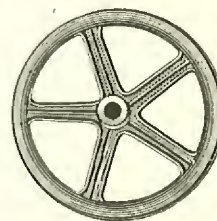
Nos. 103 to 118

## WALL CASE PULLEY

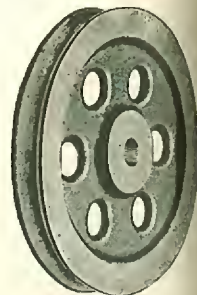


Nos. 17226 and 17226½

## PULLEY SHEAVES



Light



Heavy

## LIGHT SHEAVES—For Manilla Rope

Diam.	Width Face	Width Hub	Bore	Each
4"	3/4"	7/8"	3/8"	\$.45
5"	3/4"	7/8"	3/8"	.60
6"	3/4"	7/8"	3/8"	.70
8"	3/4"	7/8"	3/8"	.90
11"	1 1/4"	1 1/2"	5/8"	1.50
13"	1 5/8"	1 1/2"	5/8"	1.75

## DUMB WAITER PULLEYS

Plain Cast Iron, Heavy Axle

No.	Wheel	Groove	For	Front	Each
103	3"	Round	1/2" Rope	6 x 1 1/8"	\$.40
107	4"	"	5/8" Rope	8 3/4 x 2 1/8"	1.00
108	5"	"	5/8" Rope	9 1/4 x 2 "	2.00
118	5"	Square	5/8" Chain	9 1/4 x 2 "	2.00

Nos. 108 and 118 have two screw holes in each end.

## WALL CASE PULLEYS—Cast Iron

Turned Square Groove Wheels for Chain

No.	Wheel	Base Size	Height	Each
17226	2 1/2"	2 1/2 x 1 3/4"	2 7/8"	\$.50
17226½	3 1/2"	2 1/2 x 2 1/2"	3 3/4"	.75

## HEAVY SHEAVES FOR WIRE ROPE

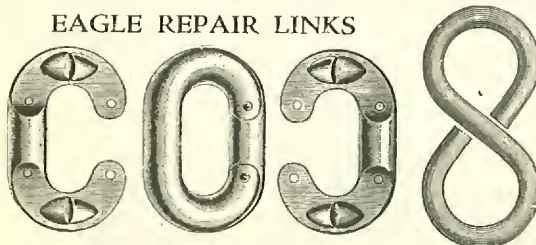
Diam.	Rope Size	Width Hub	Bore	Each
6"	1 1/2"	1 "	3/4"	\$1.00
8"	1 1/2"	1 1/4"	7/8"	2.00
10"	1 5/8"	1 1/4"	7/8"	2.50
12"	1 5/8"	1 1/2"	1 "	3.75

## HOIST DOOR PULLEYS

Very heavy cast iron, turned flat groove wheel. Cable chain and fixtures suitable for use with these pulleys shown on page 144.  
Not carried in stock.

Wheel.....	6"	8"	10"	14"	Add for roller bearing.....	\$.25
Each.....	\$2.50	\$5.00	\$7.00	\$10.00	Add for ball bearing.....	.75

## EAGLE REPAIR LINKS



## WIRE "S" HOOKS

Bright Steel

No.	Length	Gauge	Each
812	1 1/8"	12	\$.02
811	1 1/4"	11	.02 1/2
810	1 5/8"	10	.03
809	2 1/8"	9	.04

144 in a box.

## FUSIBLE LINKS



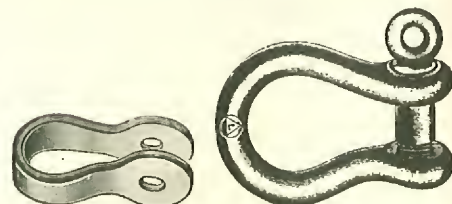
No. 96 used on fire door fixtures. Link melts at 160° Fahrenheit, Each.....\$.25  
In bulk.

## WIRE REPAIR LINKS



Full size cut of No. 25  
For repairing tire chains, etc. Packed in bulk.  
No. 25—1 1/2" long, Each.....\$.04  
15—1 7/8" long, Each......05

## CLEAVISES OR SHACKLES



Full size No. 10. Half size 5/16".  
Stamped steel with pins.  
No. 10—1 1/8" pin, Each.....\$.05  
20—1 1/8" pin, Each......07  
50—3/2" pin, Each......10  
Forged steel with pins.  
1/4" Frame, 5/16" Pin.....\$.30  
5/16" " 3/8" "......30  
3/8" " 1/2" "......35  
1/2" " 1/2" "......40  
In bulk.

## DROP FORGED STEEL

Size .....	1/8"	1/4"	5/16"	3/8"	1/2"	5/8"
Each .....	\$.15	\$.15	\$.17	\$.18	\$.20	\$.35

Twelve in a box.

## SWING LINKS

Drop forged steel. Can be disconnected with the hands when chain is slack. Plain finish.

Size	Each
1/4"	\$.25
5/16"	.30
3/8"	.35
1/2"	.45

Twelve in a box.

## MALLEABLE SWIVELS

Size	Each
1/8"	\$.10
1/4"	.15
5/16"	.20
3/8"	.25

In bulk.

## WROUGHT "S" HOOKS

Plain Steel

Length	Thickness	Each
1 1/2"	1/8"	\$.04
2 "	1/4"	.05
2 1/2"	5/16"	.06
3 "	3/8"	.08

36 in a box.

## WROUGHT OPEN OR LAP LINKS

Plain Steel

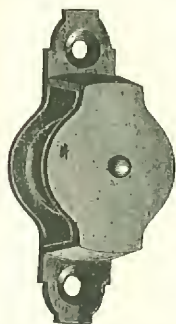
Dia.	Length	Each
1/8"	1 1/2"	\$.05
1/4"	1 3/4"	.06
5/16"	2 3/8"	.10
3/8"	2 7/8"	.12
1/2"	3 1/4"	.20

25 in a box.



## PULLEYS

## SIDE PULLEYS



No. 596 Polished Brass  
Wheel .....  $\frac{5}{8}$ "  
For cord.....  $\frac{1}{8}$ "  
Each ..... \$.30  
24 in a box without screws



No. 596

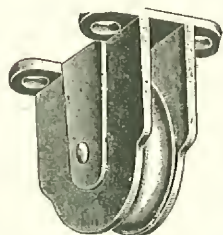
No. 96 Japd. Iron  
Wheel ..... 1" 1 $\frac{1}{2}$ " 2" 2 $\frac{1}{2}$ "  
For cord.....  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{1}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.08 \$.12 \$.20 \$.30  
Wheel ..... 3" 4" 5"  
For cord.....  $\frac{3}{8}$ "  $\frac{1}{2}$ "  $\frac{3}{4}$ "  
Each ..... \$.40 \$1.00 \$1.50

1" and 1 $\frac{1}{2}$ "—24 in a box.  
2, 2 $\frac{1}{2}$  and 3"—12 in a box.  
4 and 5"—4 in a box.

No. 96

Packed without screws.

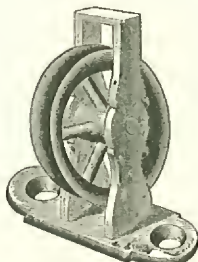
## CEILING



No. 88

No. 88 Japanned Iron  
Wheel ..... 2" 2 $\frac{1}{2}$ " 3"  
For cord.....  $\frac{1}{8}$ "  $\frac{3}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.25 \$.40 \$.60  
12 in a box without screws.

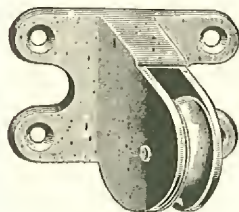
## UPRIGHT



No. 29

No. 29 Japanned Iron  
Wheel ..... 2" 2 $\frac{1}{2}$ "  
For cord.....  $\frac{1}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.15 \$.25

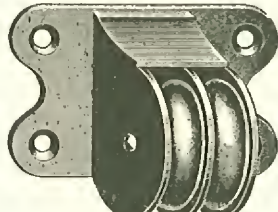
## SINGLE HOT HOUSE DOUBLE HOT HOUSE



No. 41

No. 41 Japanned Iron  
Wheel ..... 2" 2 $\frac{1}{2}$ "  
For cord.....  $\frac{1}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.35 \$.50

No. 41—2" twelve in a box, others six, without screws



No. 42

No. 42 Japanned Iron  
Wheel ..... 2" 2 $\frac{1}{2}$ "  
For cord.....  $\frac{1}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.45 \$.75



No. 26

## SCREW PULLEYS

No. 526 Polished Brass.  
Wheel .....  $\frac{5}{8}$ "  
For cord.....  $\frac{1}{8}$ "  
Each ..... \$.25  
24 in a box.



No. 526

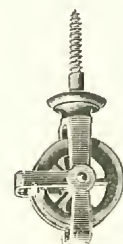
No. 26 Japanned Iron.  
Wheel .....  $\frac{3}{4}$ " 1" 1 $\frac{1}{4}$ " 1 $\frac{1}{2}$ "  
For cord.....  $\frac{3}{16}$ "  $\frac{1}{8}$ "  $\frac{1}{8}$ "  $\frac{1}{4}$ "  
Each ..... \$.05 \$.06 \$.07 \$.03  
Wheel ..... 2" 2 $\frac{1}{2}$ " 3" 4"  
For cord.....  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{3}{8}$ "  $\frac{1}{2}$ "  
Each ..... \$.15 \$.20 \$.25 \$.70

$\frac{3}{4}$  to 2"—24 in a box.  
2 $\frac{1}{2}$  and 3"—12 in a box.  
4"—4 in a box.

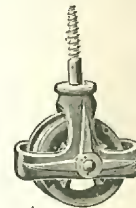
## INCASED SCREW PULLEYS

No. 40 Japanned Iron

Wheel ..... 1 $\frac{1}{2}$ " 2"  
For cord.....  $\frac{1}{4}$ "  $\frac{1}{8}$ "  
Each ..... \$.12 \$.15



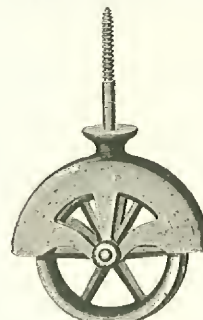
No. 40



No. 45

No. 45 Japanned Iron.  
Wheel ..... 1 $\frac{1}{2}$ " 2" 2 $\frac{1}{2}$ " 3" 4"  
For cord.....  $\frac{1}{4}$ "  $\frac{1}{8}$ "  $\frac{3}{8}$ "  $\frac{3}{8}$ "  $\frac{1}{2}$ "  
Each ..... \$.12 \$.15 \$.25 \$.35 \$.75  
Packed 1 $\frac{1}{2}$  and 2"—24, 2 $\frac{1}{2}$  and 3"—12, 4"—4 in a box.

## INCASED SCREW PULLEYS



No. 65

No. 65 Japanned Iron.

Wheel ..... 2" 2 $\frac{1}{2}$ " 3"  
For cord.....  $\frac{1}{8}$ "  $\frac{3}{8}$ "  $\frac{3}{8}$ "  
Each ..... \$.25 \$.30 \$.40

Twelve in a box.

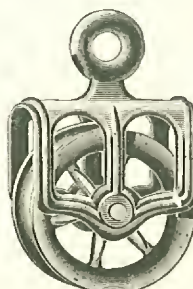
## CLOTHES LINE PULLEYS

No. 76 Japanned, Solid Eye.  
Wheel ..... 2 $\frac{1}{2}$ "  
For cord .....  $\frac{1}{8}$ "  
Each ..... \$.30

No. 68 Galvanized, Solid Eye, Knot passing.  
Wheel ..... 2"  
For cord .....  $\frac{1}{2}$ "  
Each ..... \$.25

No. 168 Galvanized Swivel Eye, Knot passing.  
Wheel ..... 2"  
For cord .....  $\frac{1}{2}$ "  
Each ..... \$.30

Twelve in a box.



No. 76



No. 68



No. 168



## TACKLE PULLEYS



No. 220



No. 225



No. 330



No. 335

Size Wheel.....  
For cord.....  
Each .....

## No. 220 Japanned Single Wheel, Solid Eye.

1/2"	3/4"	1 "	1 1/4"	1 1/2"	2 "	2 1/2"
1/8"	1/8"	1/4"	1/4"	1/8"	3/8"	1/2"
\$0.05	\$0.06	\$0.08	\$0.10	\$0.15	\$0.30	\$0.50

Size Wheel.....  
For cord.....  
Each .....

## No. 225 Japanned Double Wheel, Solid Eye.

3/4"	1 "	1 1/4"	1 1/2"	2 "
3/8"	1/4"	1/4"	1/8"	3/8"
\$0.12	\$0.15	\$0.18	\$0.25	\$0.50

Size Wheel.....  
For cord.....  
Each .....

## No. 330 Galvanized Single Wheel, Swivel Eye.

1/2"	3/4"	1 "	1 1/4"	1 1/2"	2 "
1/8"	1/8"	1/4"	1/4"	1/8"	3/8"
\$0.08	\$0.10	\$0.12	\$0.15	\$0.25	\$0.40

Size Wheel.....  
For cord.....  
Each .....

## No. 335 Galvanized Double Wheel, Swivel Eye.

3/4"	1 "	1 1/4"	1 1/2"	2 "
1/8"	1/4"	1/4"	1/8"	3/8"
\$0.15	\$0.20	\$0.25	\$0.35	\$0.60

Sizes 1/2 to 1 1/2" twelve in a box, 2" and 2 1/2" six in a box.

Single  
with Becket

Double



Triple



Snatch

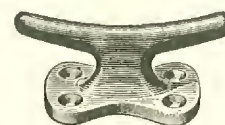
## WOOD TACKLE BLOCKS

## STANDARD LIST

Size	For Rope	Single	Double	Triple	Snatch
3"	3/8"	\$ .70	\$1.30	\$ 1.75	
4"	1/2"	.85	1.60	2.15	
5"	1/2"	.90	1.75	2.25	
6"	3/4"	1.10	2.00	2.90	\$ 4.00
7"	7/8"	1.30	2.40	3.50	4.75
8"	1 "	1.65	2.85	4.25	5.75
10"	1 1/8"	2.75	4.50	6.25	8.50
12"	1 1/4"	4.45	7.50	10.65	10.00

When Becket is required it should be so stated in order.

## LINE CLEATS

Nos. 1, 3, 11 and 13  
511 and 513

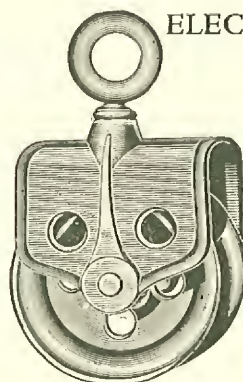
Nos. 5 and 15



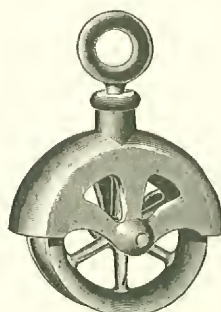
Nos. 140 and 150

No.	Length	Metal	Finish	Each
1	2 "	Cast Iron	Japanned	\$.07
11	2 "	" "	Galvanized	.10
511	2 "	Cast Brass	Polished	.45
3	2 1/2"	Cast Iron	Japanned	.10
13	2 1/2"	" "	Galvanized	.15
513	2 1/2"	Cast Brass	Polished	.68
5	3 1/2"	" "	Japanned	.15
15	3 1/2"	" "	Galvanized	.20
140	4 1/2"	Mall. Iron	"	.10
150	6 "	" "	"	.15

Nos. 5 and 15, twelve in a box, other numbers  
Twenty-four in a box.



Nos. 33, 2 and 5



No. 91

## ELECTRIC LIGHT PULLEYS

Japanned Iron, Swivel Eye.

No. 91—2 1/2" Wheel for 3/8" Rope, Each.....	\$ .35
91—3 " Wheel for 3/8" Rope, Each.....	.40
33—4 " Wheel for 3/4" Rope, Each.....	.75
2—5 " Wheel for 1 " Rope, Each.....	.85
5—6 " Wheel for 1 1/4" Rope, Each.....	1.00

In bulk.



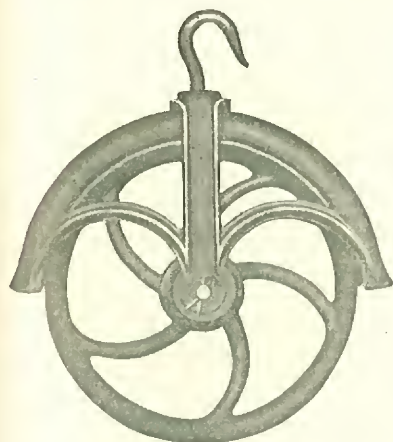
## HOISTING WHEELS

## WITH SWIVEL HOOK

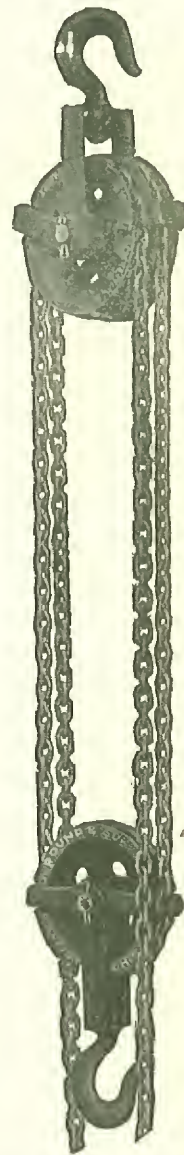
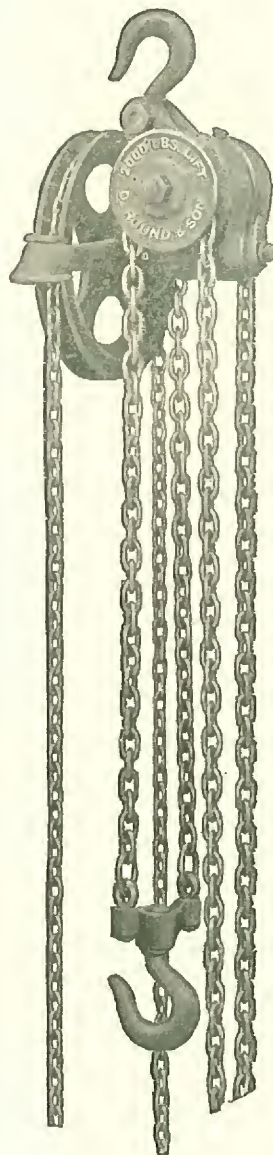
Wheels 12" diameter.

For  $\frac{1}{2}$ " to  $\frac{3}{4}$ " Manilla Rope.  
These hoisting wheels are heavy  
and well made, and should not  
be compared with common light  
weight well wheels.

Cast Iron Black Finish Each

No. 1 Plain Axle .....\$2.25  
without strapNo. 2 Plain Axle .....\$3.00  
with wrought strapNo. 3 Roller Bearing .....\$4.50  
with wrought strap

## CHAIN HOISTS

Improved Screw  
HoistWeston Differential  
Block

The Improved Screw Hoist operates with a  
worm gear, and the load cannot run down.  
Load is moved up or down only by pulling hand  
chain. Load chain is double and either chain  
is heavy enough to carry load alone.

Capacity in tons	Regular Lift in feet	Price Complete	Extra Lift Per Ft.
$\frac{1}{2}$	8	\$ 35.00	\$1.80
1	8	42.00	1.95
$1\frac{1}{2}$	8	56.00	2.10
2	9	70.00	2.16
3	10	105.00	2.25
5	12	196.00	3.30

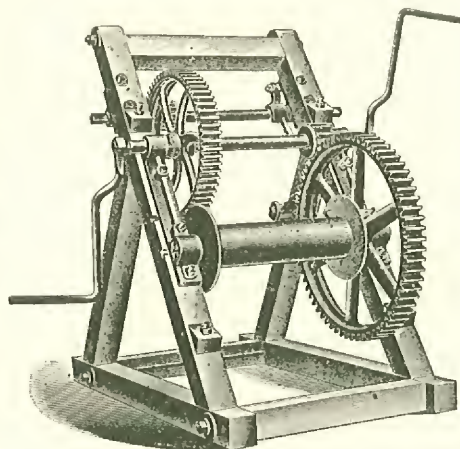
## Discount

The Weston Differential Chain Block is the  
simplest and lowest in first cost. Not rapid but  
all right for occasional use.

Capacity in tons	Regular Lift in feet	Price Complete	Extra Lift Per Ft.
$\frac{1}{2}$	7	\$21.00	\$2.80
1	8	28.00	3.00
$1\frac{1}{2}$	$8\frac{1}{2}$	36.00	3.20
2	9	45.00	3.40

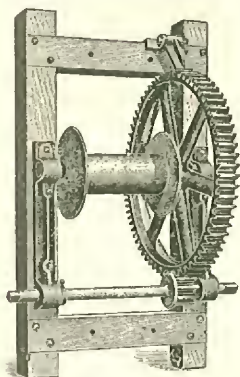
## Discount

## FLOOR WINCH



Nos. 5, 55 and 9

## POST WINCH

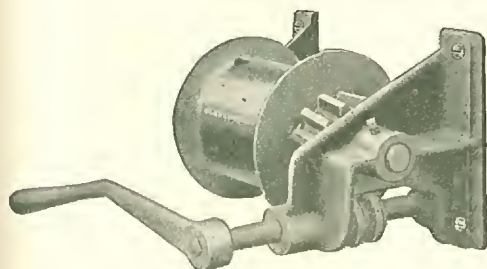


Nos. 6, 7 and 8

White Oak Frames, mortised and bolted together. Castings best gray iron.  
Two cranks are furnished.

No.		Drum	Capacity	Each
6	Single Purchase	5x12 Straight	1000 lbs.	\$ 33.00
7	" "	5x16 "	2000 lbs.	38.00
8	" "	6x22 "	4000 lbs.	80.00
5	" "	6x22 "	5000 lbs.	106.00
55	" "	6x22 Concave	5000 lbs.	106.00
9	Double Purchase	6x22 Straight	5000 lbs.	90.00

## SAFETY WALL WINCH

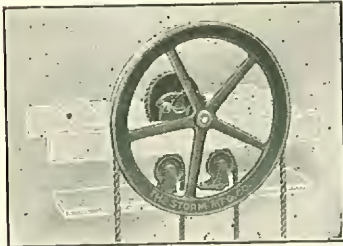


Worm Geared. Load can-  
not drop. Just the thing  
for holding heavy chan-  
deliers or for raising slide  
up partitions in churches.  
Will hold load suspended  
at any point. Suitable  
for automobile repair  
shop.

No.	Capacity	Drum	Weight	Each
1	500 lbs.	$5\frac{1}{2}$ x6"	45 lbs.	\$25.00
2	750 lbs.	$5\frac{1}{2}$ x6"	65 lbs.	31.25



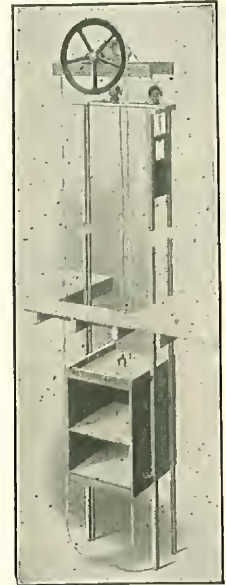
## PARAGON AUTOMATIC LOCK DUMB WAITER



The Paragon Machine is so constructed that it will hold the car stationary at any point without the use of a brake or rope clamp. It works easily and with perfect safety, for the moment the operator ceases pulling the hand rope either raising or lowering, the automatic clutch will hold the car in its place. The illustration shows the machine which goes at the top of the well, and which is arranged to have the weight at the right. The illustration at right shows the machine, complete, ready to erect, with wood guides and wood car. These machines can be furnished with steel guides and steel car if desired. They also are furnished regularly with Babbitt Bearings, or special with roller or ball bearings.

The Nos. P1, P2 and P3 are sheave machines and are arranged for the weight to come at the right unless otherwise ordered. If it is desired to have the weight at the left, place the hoist wheel on the back end of the shaft. The pulley wheels should be placed from 3 to 6 inches below the weight rope wheel. The pulley at left in such position that the groove of the wheel will be directly over the center of the car. The other pulley shown in the illustration is to guide the weight rope over the center of the weight box. With the fixtures only, a third pulley is furnished, for weight at back. This, however, should not be done unless absolutely necessary. Use  $\frac{5}{8}$ " diameter Manilla rope for the center, one foot for each foot of well in height. Use  $\frac{3}{8}$ " diameter Manilla or Hemp rope for the hand rope, and two feet for each foot of well in height, plus ten feet.

The No. P 4 is similar to the No. P3 Paragon, same capacity, but arranged for chain instead of rope to lift the car.



## PRICE LIST PARAGON DUMB WAITERS

	No.	Capacity	Well	Wheel	Shaft	Single Face	Double Face	Extra Height Per Foot	
								Single Face	Double Face
Fixtures Only	P1	50 lbs.	20x20"	16"	16"	\$ 38.00	\$ 49.00		
	P2	100 lbs.	27x27"	20 or 24"	19"	46.00	58.00		
	P3	150 lbs.	32x32"	30"	24"	57.00	69.00		
	P4	150 lbs.	32x32"	30"	24"	61.00	73.00		
*Machine complete for first 10 ft. of travel. Note below	P1	50 lbs.	20x20"	16"	16"	100.00	112.00	\$ .95	\$1.10
	P2	100 lbs.	27x27"	20 or 24"	19"	114.00	130.00	.95	1.10
	P3	150 lbs.	32x32"	30"	24"	137.00	155.00	1.00	1.20
	P4	150 lbs.	32x32"	30"	24"	160.00	180.00	1.50	1.80

\* Includes car, counterweight, guide runs, weight runs and all ropes ready for erection as shown above.



Figure No. 1

The cars shown here are furnished regularly with Nos. P 1, 2, 3 and 4 machines, 36" high. In figure 1, car has two tight shelves, Figure 2, car has one loose shelf. These cars are built of thoroughly seasoned hardwood, handsomely finished and varnished. Can be built double faced with openings at front and either side, or with openings on three sides.

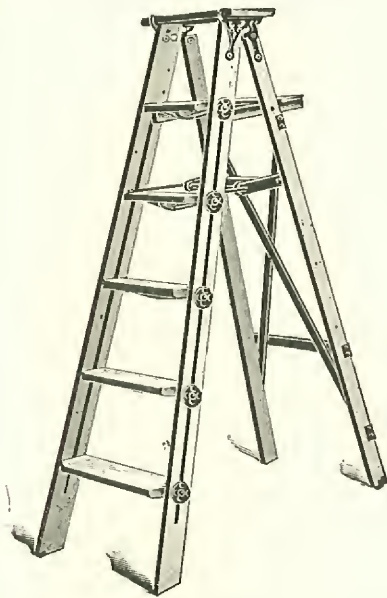
In ordering submit a sketch with all dimensions and distances. Shipments from factory only. Other types of Dumb Waiters and Elevators can be furnished to suit various conditions. Special catalogue sent on request.



Figure No. 2



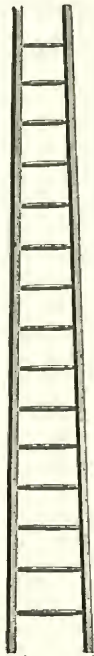
## STEP LADDERS



High Grade

Height	4'	5'	6'	7'	8'	10'	12'
Each	\$3.25	\$3.75	\$4.50	\$5.50	\$7.80	\$9.50	\$12.00

## SINGLE



## STRAIGHT LADDERS

## SINGLE LADDERS

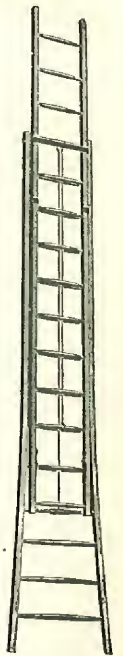
Height	Each
10 ft.....	\$3.50
12 ft.....	4.20
14 ft.....	4.90
16 ft.....	5.60
18 ft.....	6.30
20 ft.....	7.00

## EXTENSION LADDERS

Spread Bottom with rope.  
Pulley and Hooks.

Listed Height	Actual Extended Height	Each
28 ft.	25 ft.....	\$13.50
32 ft.	29 ft.....	16.50
36 ft.	33 ft.....	19.50
40 ft.	37 ft.....	22.50

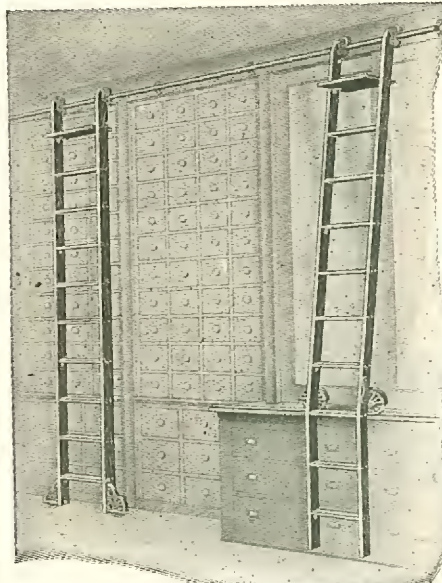
## EXTENSION



## ROLLING LADDERS FOR STORES AND OFFICES

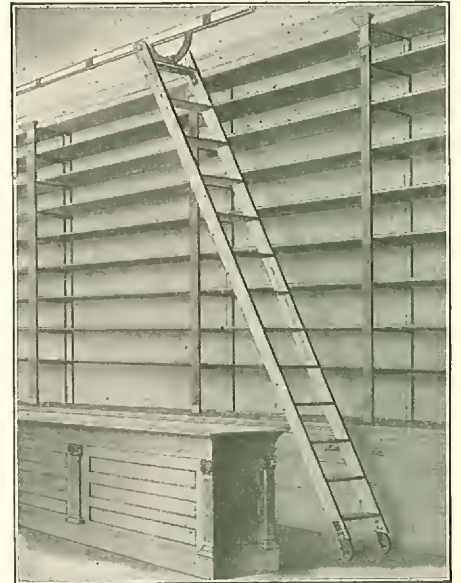


No. 113



No. 114

No. 114B



No. 109

In ordering Nos. 113 and 114B give distances, floor to counter shelf, width of counter shelf and distance counter shelf to track. For other numbers give distance from floor to track. For all numbers give total length of each run and distance between uprights, also send sketch showing sectional view of shelving where track is to be attached.

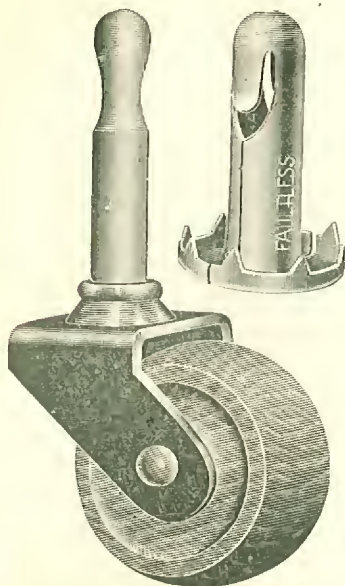
Top fixtures for No. 113 have high grade ball bearings and run on hard maple track supported by a continuous steel angle. Other numbers have roller bearing top fixtures. Nos. 114 and 109 have rubber tired roller bearing floor rollers which carry the load and top track serves as a guide. All fixtures finished in aluminum paint. Ladders up to 14 feet long have sides  $3\frac{1}{2}$ " wide. Steps 4x12". Ladders over 14 ft. long have sides 4" wide and steps 5x12". Ladders made of oak or hard pine selected and kiln dried. Steps are let into the sides and held by screws passing through the side of the ladder, and further are made perfectly rigid by steel braces. Ladders regularly brought to a smooth finish, then filled and varnished, natural color but can be finished to match sample or sent without finish.

	Pine with Fixtures	Oak with Fixtures	Fixtures Only	Track with Brackets Per Foot
113 Side Ladder	\$30.00	\$33.00	\$18.00	\$.45
114 Side Ladder	27.00	30.00	18.00	.45
114B Side Ladder	30.00	33.00	18.00	.45
109 Ceiling Ladder	30.00	33.00	18.00	.45

Ladders made to order only, and are f. o. b. Aurora, Ill.



CUTS FULL SIZE



Faultless  
Lignum Vitae Wheel

## FAULTLESS PIVOT BEARING CASTERS

### Plain Steel Wheel—Plain Steel Horn

No.	Diameter Wheel	Size of Bore	Per Set of 4
A-5-3	1 $\frac{1}{8}$ "	$\frac{5}{16}$ x 1"	.....\$ .36
B-5-5	1 $\frac{1}{4}$ "	$\frac{3}{8}$ x 1 $\frac{3}{8}$ "	..... .42
C-5-7	1 $\frac{1}{2}$ "	$\frac{3}{8}$ x 1 $\frac{3}{4}$ "	..... .48

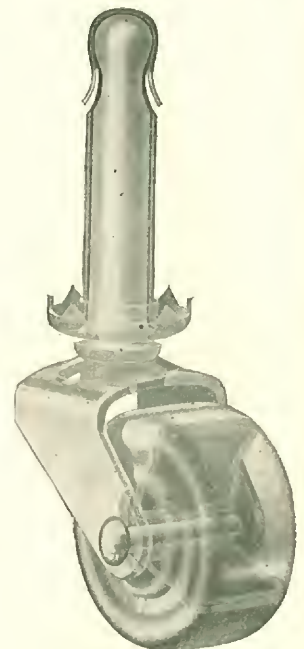
### Lignum Vitae Wheel—Brass Plated Horn

No.	Diameter Wheel	Size of Bore	Per Set of 4
B-4-4	1 $\frac{3}{8}$ "	$\frac{3}{8}$ x 1 $\frac{3}{8}$ "	.....\$ .39
C-4-6	1 $\frac{3}{8}$ "	$\frac{3}{8}$ x 1 $\frac{3}{4}$ "	..... .46

### Hard Red Fibre Wheels—Brass Plated Horn

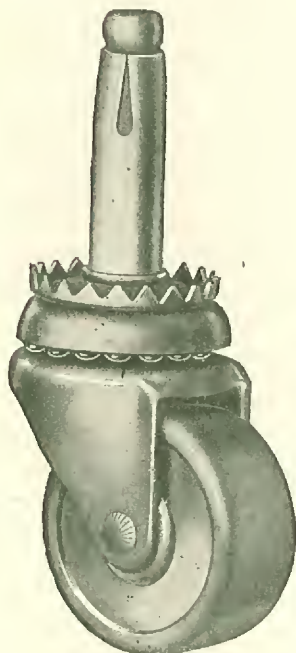
No.	Diameter Wheel	Size of Bore	Per Set of 4
B-14-3	1 $\frac{1}{8}$ "	$\frac{3}{8}$ x 1 $\frac{3}{8}$ "	.....\$ .78
C-14-5	1 $\frac{1}{4}$ "	$\frac{3}{8}$ x 1 $\frac{3}{4}$ "	..... 1.05

One set in a box.



Faultless Steel Wheel  
Phantom View

## BASSICK CASTERS—GRIP NECK STEM



No. 5464

Harvard Ball Bearing  
Plain Steel Wheel and Horn

No.	Diameter Wheel	Size of Bore	Per Set of 4
3464	1 $\frac{1}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	.....\$ .35
5464	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... .40
7464	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... .50

One set in a box.

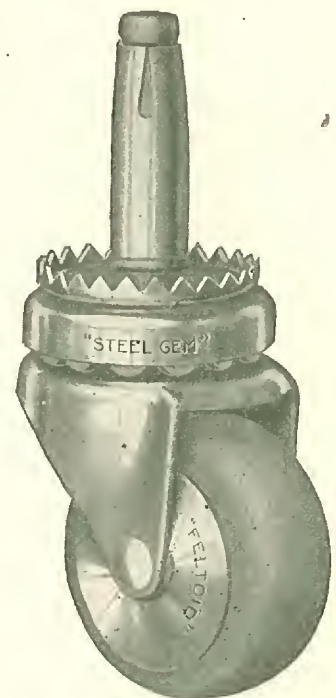


No. 555B

Gem Roller Bearing  
Brass Plated Iron Wheel  
Brass Plated Steel Horn

No.	Diameter Wheel	Size of Bore	Per Set of 4
355B	1 $\frac{1}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	.....\$ .65
555B	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... .75
755B	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... .90

One set in a box.



No. 778B

For Polished Floors  
Gem Roller Bearing  
Feltoid Wheel  
Brass Plated Horn

No.	Diameter Wheel	Size of Bore	Per Set of 4
378B	1 $\frac{1}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	.....\$ 1.30
578B	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... 1.70
778B	1 $\frac{5}{8}$ "	$\frac{3}{8}$ x 1 $\frac{5}{8}$ "	..... 2.50

One set in a box.



# FAULTLESS PIVOT BEARING CASTERS CUTS FULL SIZE

LIGNUM VITAE WHEEL  
Brass Plated Steel Horn  
With Socket for Wood Bed

No.	Diameter Wheel	Size of Bore	Per Set of 4
D-4- 8	1 $\frac{3}{8}$ "	$\frac{9}{16}$ x 2"	\$.67
D-4-10	2 "	$\frac{9}{16}$ x 2"	.99

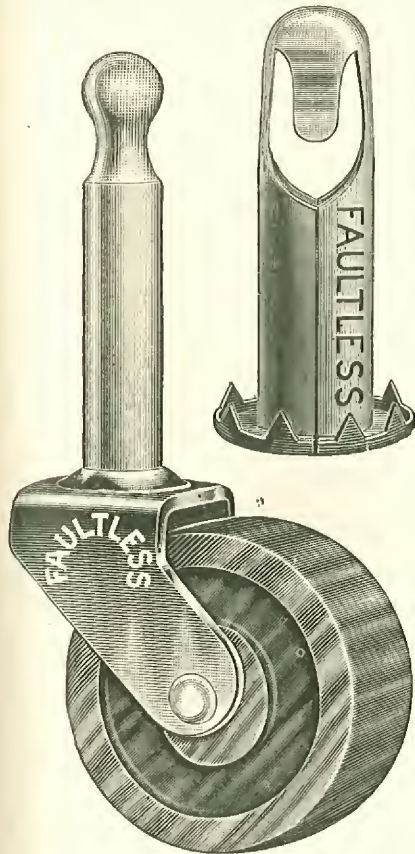
With Sockets for Round Tubular Legs  
LIGNUM VITAE WHEEL  
Brass Plated Steel Horn

No.	Diameter Wheel	Outside Dia. of Leg	Per Set of 4
E-4- 6	1 $\frac{3}{8}$ "	$\frac{7}{8}$ "	\$ .50
F-4- 8	1 $\frac{3}{8}$ "	1 $\frac{1}{8}$ "	.75
F-4-10	2 "	1 $\frac{1}{8}$ "	1.07

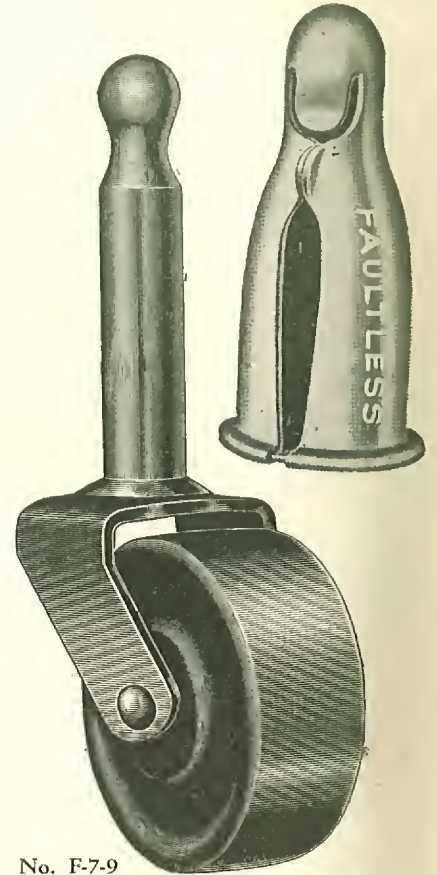
STEEL WHEEL  
Brass Plated Horn and Wheel

No.	Diameter Wheel	Outside Dia. of Leg	Per Set of 4
F-7-9	1 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "	\$.98
G-7-9	1 "	1 $\frac{1}{8}$ "	1.06

All above casters four sets in a box.



No. D-4-8



No. F-7-9

## SOCKETS

For Faultless Pivot Bearing Casters, For Round Tubular Legs, Outside Diameter of Leg is given.

Socket	E	F	G	H	I
For Leg O. D. ....	$\frac{3}{4}$ — $\frac{7}{8}$ "	1—1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ —1 $\frac{5}{8}$ "	1 $\frac{1}{2}$ —1 $\frac{3}{8}$ "	1-9/10—2"
Per set of 4. ....	\$.20	\$.30	\$.40	\$.50	\$.60

# BASSICK METAL BED CASTERS

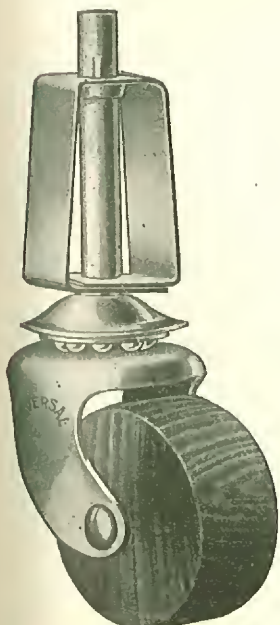
LIGNUM VITAE WHEEL  
Plain Steel Horn

No.	Diameter Wheel	Outside Dia. of Leg	Per Set of 4
1003-26	1 $\frac{1}{8}$ "	$\frac{3}{4}$ or $\frac{7}{8}$ "	\$.25
1005-26	1 $\frac{1}{4}$ "	1 or 1 $\frac{1}{8}$ "	.30
1007-26	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ or 1 $\frac{5}{8}$ "	.50

STEEL WHEEL  
Brass Plated Horn and Wheel

No.	Diameter Wheel	Outside Dia. of Leg	Per Set of 4
1023-42	1 $\frac{1}{8}$ "	$\frac{3}{4}$ or $\frac{7}{8}$ "	\$.40
1025-42	1 $\frac{1}{4}$ "	1 or 1 $\frac{1}{8}$ "	.50
1027-42	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ or 1 $\frac{5}{8}$ "	.75
1028-42	1 $\frac{3}{4}$ "	1-9/10 or 2"	1.05

Six sets in a box.



No. 1003-26



No. 1027-42



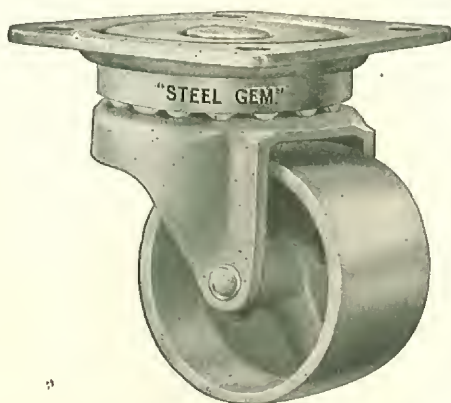
CUTS FULL SIZE

## CASTERS

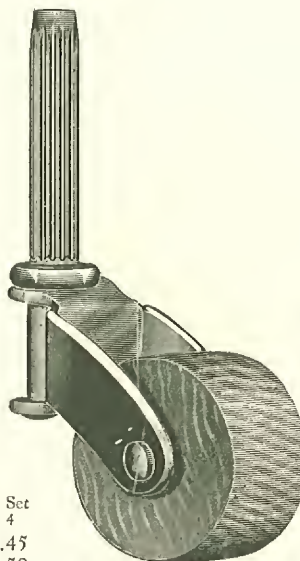
GEM PLATE

PHILADELPHIA STEM

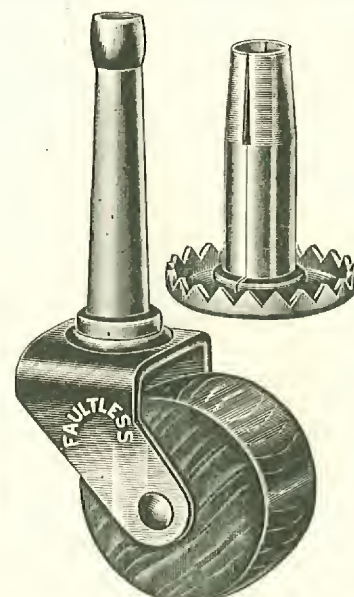
COMMON GRIP NECK STEM



No. 551



No. Drive 2-4



No. GN-2-5

## ROLLER BEARING PIVOT

Unfinished Steel Wheel and Horn

No.	Diameter Wheel	Plate Size	Height Overall	Per Set of 4
351	1 1/8"	1 1/2 x 1 1/2"	1 5/8"	\$.45
551	1 1/8"	1 1/2 x 1 1/2"	1 7/8"	.50
751	1 5/8"	1 7/8 x 1 7/8"	2 1/8"	.65
851	1 3/4"	2 1/4 x 2 1/4"	2 1/2"	1.00
951	2"	2 1/4 x 2 1/4"	2 3/8"	1.10

Brass Plated Steel Wheel and Horn

No.	Diameter Wheel	Plate Size	Height Overall	Per Set of 4
351B	1 1/8"	1 1/2 x 1 1/2"	1 5/8"	\$.65
551B	1 1/8"	1 1/2 x 1 1/2"	1 7/8"	.75
751B	1 5/8"	1 7/8 x 1 7/8"	2 1/8"	.95
851B	1 3/4"	2 1/4 x 2 1/4"	2 1/2"	1.50

One set in a box without screws.

Unfinished Steel Horn  
Philadelphia Stem Lignum Vitae Wheel

No.	Stem Size	Wheel Diameter	Per Set of 4
Drive 2-4	1 1/4 x 1 3/8"	1 3/8"	\$.24

COMMON GRIP NECK STEM  
Lignum Vitae Wheel

No.	Stem Bore	Wheel Diameter	Per Set of 4
GN-2-5	3/8 x 1 5/8"	1 1/4"	\$.24

Six sets in a box.

## CHAIR OR FURNITURE GLIDES



3/8 in.



1/2 in.



5/8 in.



3/4 in.



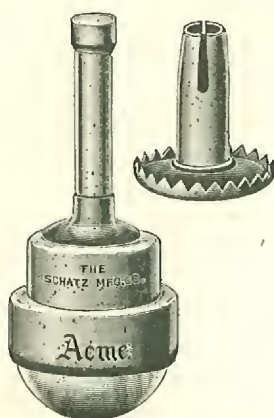
7/8 in.

Extra Heavy  
Size—1 1/8 in.

"Domes of Silence" Furniture Glides. Saves Rugs and Floors.

Sizes 3/8" to 7/8", one set in a package, 36 sets in a carton, Per set of 4.....\$.10  
 Size 1 1/8" one set in a package, 36 sets in a carton, Per set of 4......15

## ACME BALL CASTERS



No. 658-3/4"

No. 656-3/4"  
ACME BALL CASTERS

Brass Plated

Stem with Grip Neck Socket

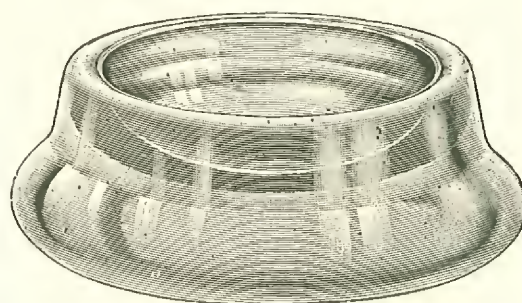
No. 658-3/4" Per Set of 4.....\$.95  
 1 " Per Set of 4..... 1.00

Counter Sunk Round Plate

No. 656-3/4" Per set of 4.....\$.85  
 1 " Per set of 4......95  
 1 1/4" Per set of 4..... 1.05

One set in a box.

## GLASS CASTER CUPS



Full size of 2 1/2"

2 1/2" Clear Glass, Per set of 4.....\$.40

3 " Clear Glass, Per set of 4......50

Six sets in a box.

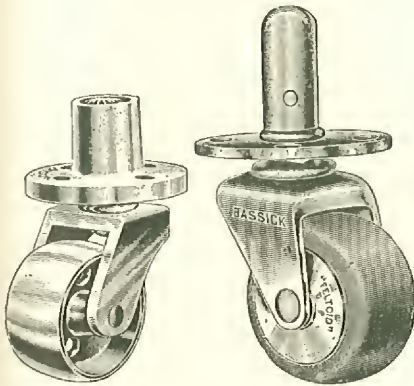


## LARGE CASTERS

CUTS REDUCED SIZE

## HOSPITAL CASTERS

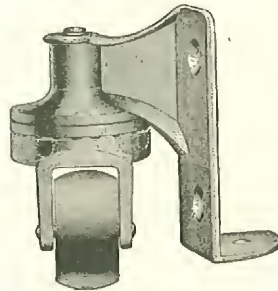
## PIANO CASTERS



No. 2111

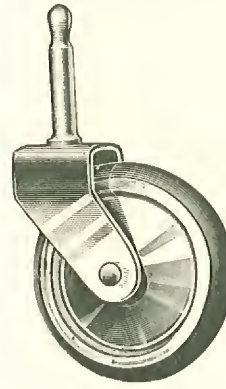
No. 6115B

## BRACKET CASTERS

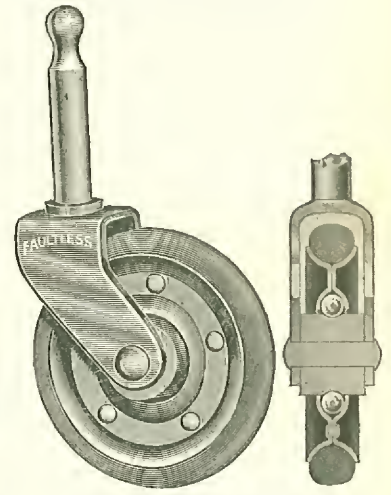


Nos. 184-33-177, etc.

## TEA WAGON CASTERS



Nos. C-19-10N, etc.



Nos. D-11-11 and D-17-13

PIANO CASTERS—Plates  $2\frac{1}{8}$ " Diameter

No.	Wheel	Bore	Finish	Per Set of 4
2111	$1\frac{3}{4}$ " Iron	$\frac{1}{8}$ " x $1\frac{1}{8}$ "	Plain	\$1.50
6115B	$1\frac{3}{4}$ " Feltoid	$\frac{1}{8}$ " x $1\frac{1}{2}$ "	Brass Pltd.	5.00

## BRACKET CASTERS

No.	Wheel Diameter	Bottom of Bracket to floor	Per Set of 4
184-33-177	$1\frac{5}{8}$ "	$\frac{5}{8}$ "	\$2.25
186-33-175	2"	$\frac{5}{8}$ "	3.00

One set in a box.

Note sectional view of Hospital Caster Wheel, D-17-13, see page 159 for sockets to fit.

## TEA WAGON CASTERS—Nickel Plated

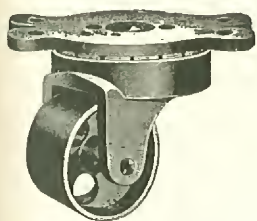
No.	Wheel	Tire	Socket	Per Set of 4
C-19-10N	2" x $1\frac{1}{2}$ "	Rubber	$\frac{3}{8}$ "	\$1.35
C-19-11N	$2\frac{3}{4}$ " x $\frac{3}{8}$ "	Rubber	$\frac{3}{8}$ "	1.90

## HOSPITAL CASTERS—Nickel Plated

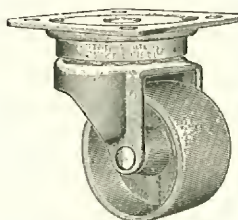
No.	Wheel	Tire	Axle	Per Set of 4
D-11-11	$2\frac{3}{4}$ "	Felt	Plain Bearing	\$3.50
D-17-13	$4\frac{3}{4}$ "	Rubber	Ball Bearing	7.00

One set in a box.

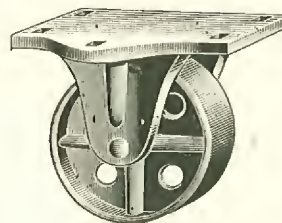
## TRUCK CASTERS



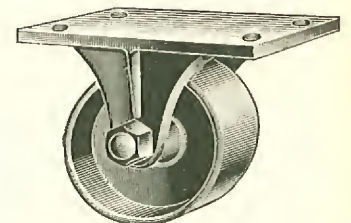
Nos. 184 to 192



Nos. 12421 and 13421



Nos. 17 and 24



No. 21

## SWIVEL TRUCK CASTERS—CAST IRON—Plain Finish

No.	Wheel	Height Overall	Plate	Capacity	Per Set	Per Set of 4
184-37	$1\frac{3}{8}$ " x $\frac{3}{4}$ "	$2\frac{3}{8}$ "	$1\frac{7}{8}$ " x $2\frac{3}{4}$ "	450 lbs.		\$ .95
186-37	2" x $\frac{7}{8}$ "	$2\frac{3}{4}$ "	$2\frac{1}{8}$ " x $3\frac{1}{8}$ "	600 lbs.		1.25
188	$2\frac{1}{2}$ " x $1\frac{1}{4}$ "	$3\frac{1}{2}$ "	3" x $4\frac{1}{4}$ "	1000 lbs.		1.50
190	$3\frac{1}{8}$ " x $1\frac{3}{8}$ "	$4\frac{1}{2}$ "	$3\frac{3}{8}$ " x $4\frac{7}{8}$ "	1500 lbs.		2.25
191	$3\frac{1}{2}$ " x $1\frac{3}{4}$ "	5"	$3\frac{3}{8}$ " x $4\frac{7}{8}$ "	1500 lbs.		3.75
192	4" x $2\frac{1}{4}$ "	6"	$4\frac{1}{4}$ " x $6\frac{1}{4}$ "	2000 lbs.		7.00

## SWIVEL TRUCK CASTERS—STEEL FRAME—IRON WHEELS—Plain Finish

No.	Wheel	Height Overall	Plate	Per Set of 4
12421	$2\frac{1}{2}$ " x $1\frac{1}{4}$ "	$3\frac{3}{8}$ "	$2\frac{3}{4}$ " x $3\frac{3}{4}$ "	\$1.75
13421	$3\frac{1}{8}$ " x $1\frac{3}{8}$ "	$4\frac{1}{4}$ "	$3\frac{1}{8}$ " x $4\frac{1}{8}$ "	2.50

## STATIONARY TRUCK CASTERS—CAST IRON—Japanned Finish

No.	Wheel	Height Overall	Plate	Pin	Per Set of 4
17	$2\frac{3}{4}$ " x $\frac{7}{8}$ "	$3\frac{3}{8}$ "	3" x $4\frac{3}{4}$ "	$\frac{1}{4}$ "	\$2.00
21	4" x $1\frac{1}{2}$ " Turned	$4\frac{1}{2}$ "	$3\frac{1}{4}$ " x 5"	$\frac{1}{2}$ "	5.00
24	4" x $1\frac{1}{2}$ "	5"	$4\frac{1}{4}$ " x 6"	$\frac{3}{8}$ "	5.00

Truck casters in bulk without screws or bolts.



## LARGE CASTERS

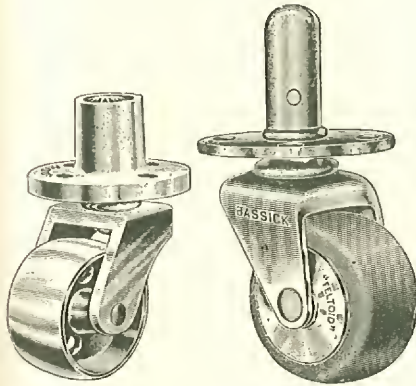
CUTS REDUCED SIZE

HOSPITAL CASTERS

## PIANO CASTERS

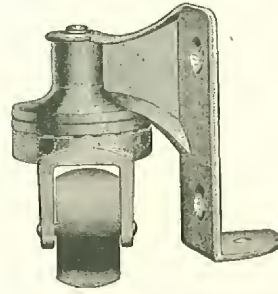
## BRACKET CASTERS

## TEA WAGON CASTERS

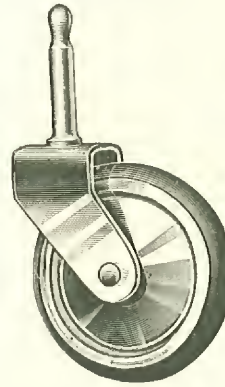


Nos. 2111

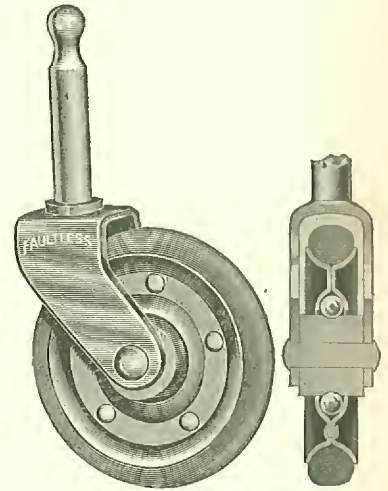
No. 6115B



Nos. 184-33-177, etc.



Nos. C-19-10N, etc.



Nos. D-11-11 and D-17-13

PIANO CASTERS—Plates  $2\frac{1}{8}$ " Diameter

No.	Wheel Diameter	Bore	Finish	Per Set of 4
2111	$1\frac{3}{4}$ "	Iron $1\frac{5}{8} \times 1\frac{1}{8}$ "	Plain	\$1.50
6115B	$1\frac{3}{4}$ "	Feltoid $1\frac{5}{8} \times 1\frac{1}{2}$ "	Brass Pltd.	5.00

## BRACKET CASTERS

No.	Wheel Diameter	Bottom of Bracket to floor	Per Set of 4
184-33-177	$1\frac{5}{8}$ "	$\frac{5}{8}$ "	\$2.25
186-33-175	2"	$\frac{5}{8}$ "	3.00

One set in a box.

Note sectional view of Hospital Caster Wheel, D-17-13, see page 159 for sockets to fit.

## TEA WAGON CASTERS—Nickel Plated

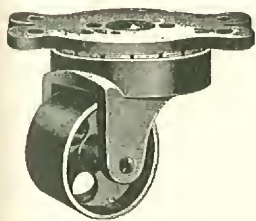
No.	Wheel	Tire	Socket	Per Set of 4
C-19-10N	2 $x 1\frac{1}{2}$ "	Rubber	$\frac{3}{8}$ "	\$1.35
C-19-11N	$2\frac{3}{4} \times \frac{3}{8}$ "	Rubber	$\frac{3}{8}$ "	1.90

## HOSPITAL CASTERS—Nickel Plated

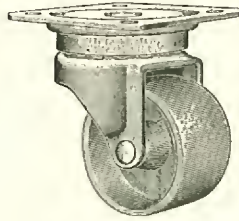
No.	Wheel	Tire	Axle	Per Set of 4
D-11-11	$2\frac{3}{4}$ "	Felt	Plain Bearing	\$3.50
D-17-13	$4\frac{3}{4}$ "	Rubber	Ball Bearing	7.00

One set in a box.

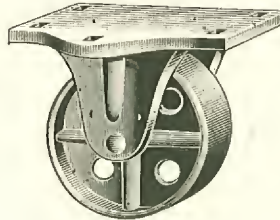
## TRUCK CASTERS



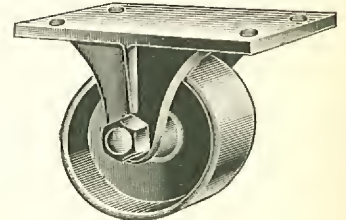
Nos. 184 to 192



Nos. 12421 and 13421



Nos. 17 and 24



No. 21

## SWIVEL TRUCK CASTERS—CAST IRON—Plain Finish

No.	Wheel	Height Overall	Plate	Capacity Per Set	Per Set of 4
184-37	$1\frac{5}{8} \times \frac{3}{4}$ "	$2\frac{3}{8}$ "	$1\frac{7}{8} \times 2\frac{3}{4}$ "	450 lbs.	\$ .95
186-37	2 $x \frac{7}{8}$ "	$2\frac{3}{4}$ "	$2\frac{1}{8} \times 3\frac{1}{8}$ "	600 lbs.	1.25
188	$2\frac{1}{2} \times 1\frac{1}{4}$ "	$3\frac{1}{2}$ "	3 $x 4\frac{1}{4}$ "	1000 lbs.	1.50
190	$3\frac{1}{8} \times 1\frac{3}{8}$ "	$4\frac{1}{2}$ "	$3\frac{3}{8} \times 4\frac{7}{8}$ "	1500 lbs.	2.25
191	$3\frac{1}{2} \times 1\frac{3}{4}$ "	5"	$3\frac{3}{8} \times 4\frac{7}{8}$ "	1500 lbs.	3.75
192	4 $x 2\frac{1}{4}$ "	6"	$4\frac{1}{4} \times 6\frac{1}{4}$ "	2000 lbs.	7.00

## SWIVEL TRUCK CASTERS—STEEL FRAME—IRON WHEELS—Plain Finish

No.	Wheel	Height Overall	Plate	Per Set of 4
12421	$2\frac{1}{2} \times 1\frac{1}{4}$ "	$3\frac{3}{8}$ "	$2\frac{3}{4} \times 3\frac{3}{4}$ "	\$1.75
13421	$3\frac{1}{8} \times 1\frac{3}{8}$ "	$4\frac{1}{4}$ "	$3\frac{1}{8} \times 4\frac{1}{8}$ "	2.50

## STATIONARY TRUCK CASTERS—CAST IRON—Japanned Finish

No.	Wheel	Height Overall	Plate	Pin	Per Set of 4
17	$2\frac{3}{4} \times \frac{7}{8}$ "	$3\frac{3}{8}$ "	3 $x 4\frac{3}{4}$ "	$1\frac{1}{4}$ "	\$2.00
21	4 $x 1\frac{1}{2}$ " Turned	$4\frac{1}{2}$ "	$3\frac{1}{4} \times 5$ "	$1\frac{1}{2}$ "	5.00
24	4 $x 1\frac{1}{2}$ "	5"	$4\frac{1}{4} \times 6$ "	$\frac{3}{8}$ "	5.00

Truck casters in bulk without screws or bolts.



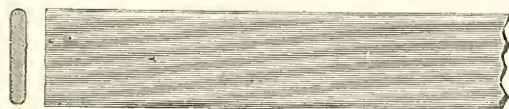
# Wrought Steel TRACK AND SHEAVES FOR SLIDING SHOW CASE DOORS

CUTS FULL SIZE



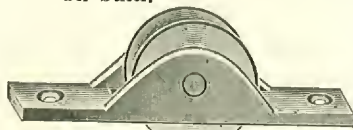
No. 17297 Copper Plated

No. 17297 in 6, 8 and 10 ft. lengths, per ft. ....\$ .08  
In bulk without nails.

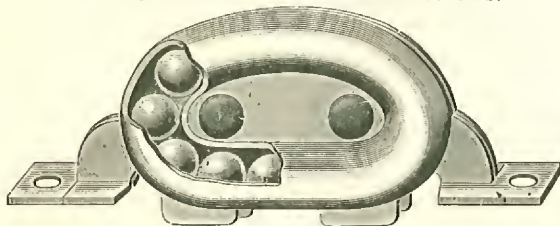


No. 17317 Plain Steel, Inserted Type.

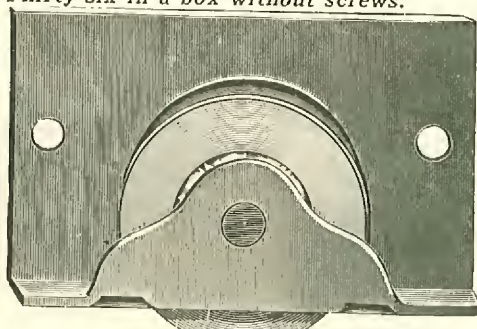
No. 17317 in 8 and 10 ft. lengths, per ft. ....\$ .04  
In bulk.

No. 17001 fits track 491C— $\frac{3}{4}$ "

No. 17001 Wheel  $\frac{7}{8}$ " dia., Face  $1\frac{3}{4} \times \frac{3}{8}$ ", each .....\$ .10  
Seventy-two in a box without screws.

No. 16998  $\frac{1}{2}$ 

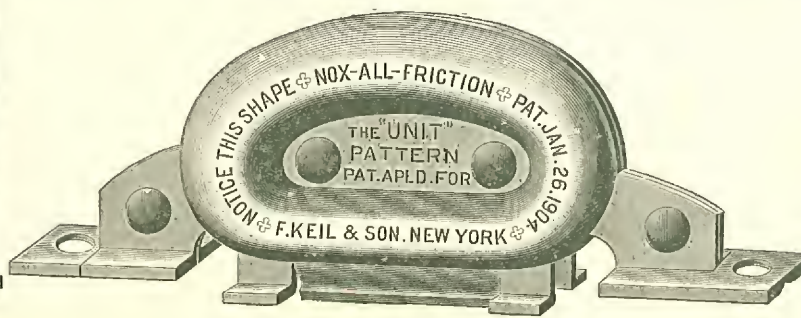
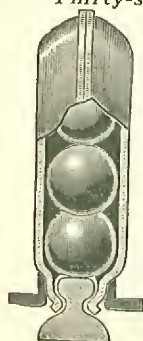
No. 16998  $\frac{1}{2}$  fits track No. 17297. Has no wheel. Weight carried on row of hardened steel balls. Each .....\$ .35  
Thirty-six in a box without screws.



Nos. 17073B Full size. Ball Bearing.

No.	Wheel	Case	Fits track	Each
17073B	$1\frac{3}{8}$ "	$1\frac{5}{8} \times 2\frac{3}{8}$ "	491C $\frac{3}{4}$ "	.....\$ .35
17084C	2 "	$2\frac{1}{8} \times 4\frac{1}{8}$ "	491C $1\frac{1}{8}$ "	..... 1.00

Thirty-six sheaves in a box without screws.

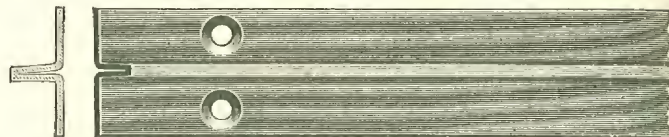


Nos. 16996 and 16999



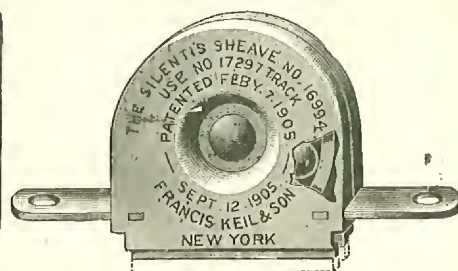
No. 17296 Copper Plated

No. 17296 in 6, 8 and 10 ft. lengths, per ft. ....\$ .12  
In bulk without nails.

No. 491C Full size cut of  $\frac{3}{4}$ " Brass Plated

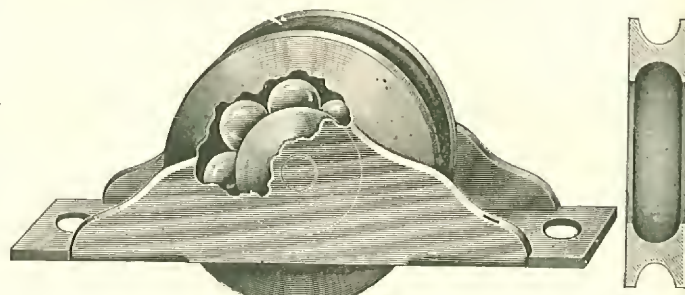
No. 491C— $\frac{3}{4}$ " wide in 4, 5, 6 and 8 ft. lgths, per ft. ....\$ .09  
491C— $1\frac{1}{8}$ " wide in 6 ft. lengths, per ft. .... .14

Twelve pieces in a package without screws.



No. 16994

No. 16994 fits track No. 17297 and 17317. Case is  $\frac{1}{8}$ " thick. Hardened Steel Balls in seamless steel tire. Each .....\$ .20  
Thirty-six in a box without screws.



No. 17028B

This sheave is quiet and smooth running. Has hardened bearing cones and balls. Fits track No. 491C— $\frac{3}{4}$ ".  
No. 17028B Wheel  $1\frac{3}{8}$ " dia., Face  $3 \times \frac{1}{2}$ ", each .....\$ .30

Thirty-six in a box without screws.

No. 16999 Sheave fits track No. 491C— $\frac{3}{4}$ ".

No. 16996 is clincher type and cannot jump off. Fits track No. 17296. Sheave  $\frac{1}{2}$ " thick.

Weight carried on row of hardened steel balls.

No. 16999 Each .....\$ .50

No. 16996 " ..... .65

Twelve in a box without screws.



## SASH ROLLERS



Nos. 17059 and 17060

Wrought Steel and Wrought Brass

Rollers are true round and run smoothly. Frames are uniform in size and unbreakable.

### No. 17059 Wrought Steel Plain

Plate width.....	3/8"	5/8"	3/4"	7/8"	1"
Roller Diam.....	1 1/8"	1 3/8"	1 1/2"	1 5/8"	1 3/4"
Each .....	\$.08	\$.09	\$.12	\$.14	\$.15

### No. 17060 Wrought Brass Plain

Plate width.....	3/8"	5/8"	3/4"	7/8"	1"
Roller Diam.....	1 1/8"	1 3/8"	1 1/2"	1 5/8"	1 3/4"
Each .....	\$.15	\$.20	\$.25	\$.35	\$.45

Thirty-six in a box, without screws.

### No. 10 Cast Iron Sash Rollers—Japanned Frame

Plate width.....	5/8"	3/4"	7/8"	1"
Roller Diam.....	3/8"	3/4"	7/8"	1"
Each .....	\$.06	\$.07	\$.08	\$.09

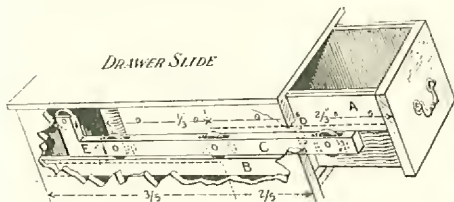
Thirty-six in a box without screws.

### No. 20 Cast Iron Sash Rollers—Japanned Frame.

Plate width.....	1 1/4"	1 1/2"
Roller Diam.....	1 1/2"	2"
Each .....	\$.15	\$.20

1 1/2" twenty-four, 2" twelve in a box without screws.

## DRAWER SLIDES AND SUPPORTS



When ordering give length from inside of drawer front to back of case and height of drawer front. Made in two sizes as follows:

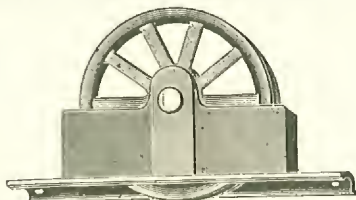
1 1/2 x 3/4" Per set up to 1' 6"	\$3.75
* 2 x 3/4" Per set up to 1' 6"	4.25

On the 1 1/2" size add 12 1/2c per set, for each additional 2 inches or fraction thereof.

On the 2" size add 25c per set for each additional 4 inches or fraction thereof.

\* On the 2" size in 3 to 4 ft. lengths the thickness is 1 1/8". Detail sent on request. Factory shipments only.

## SLIDING DOOR SHEAVES

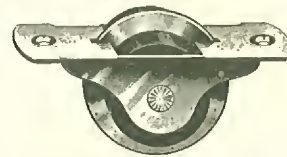


Used with floor track 491C 1 1/8" wide, shown on opposite page. Per set of 4:

No. 3—3" Wheel, Japd. Iron.....	\$1.35
4" Wheel, Japd. Iron.....	1.65

One set in a box without screws.

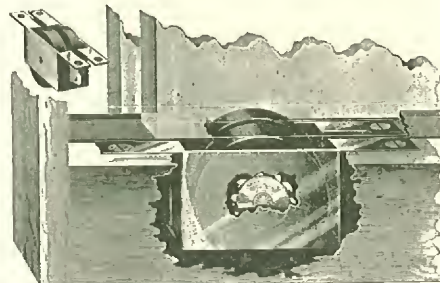
## FRAMELESS GLASS DOOR ROLLERS



No. 17062 Nickel Plated

Is for plate glass doors without frames. It is set in the sill and has two 1" fibre rollers with guard between to separate doors. Brass Bearing. Each.....\$50

Twelve in a box without screws.



No. 17066 Nickel Plated

Is for plate glass doors without frames. It is set in the sill, and has two fibre rollers 1 3/8" diameter with ball bearings. For parting strip between doors use track No. 17317 shown on opposite page. Each.....\$.75

Twelve in a box without screws.

## NUWAY ROLLER TRACKS

For Frameless Glass Doors

Roller Carrier and Shoes

To obtain proper width of doors add one inch to the total opening and divide by 2. By referring to table below, you will find the required length of roller carrier. This allows 1/2" overlap at middle and 1/4" at each side into groove.

Total width Inside of case	Width of Doors	Required Length of Roller
30 to 36"	15 1/2" to 18 1/2"	22 1/2"
36 to 42"	18 1/2" to 21 1/2"	27"
42 to 48"	21 1/2" to 24 1/2"	31 1/2"
48 to 54"	24 1/2" to 27 1/2"	36"
54 to 60"	27 1/2" to 30 1/2"	40 1/2"
60 to 66"	30 1/2" to 33 1/2"	45"
66 to 72"	33 1/2" to 36 1/2"	49 1/2"
72 to 78"	36 1/2" to 39 1/2"	54"
78 to 84"	39 1/2" to 42 1/2"	58 1/2"
84 to 90"	42 1/2" to 45 1/2"	63"
90 to 96"	45 1/2" to 48 1/2"	67 1/2"

List of parts required.

Price per foot	Nick. Pltd. Steel	Plain Brass
Upper "T" Guide.....	\$.27	\$.48
Lower "T" Guide.....	.30	.54
Shoe for 1/4" Glass.....	.14	.30
Shoe for 1/8" Glass.....	.14	.30
Roller Carrier.....	.72	1.20
Lock No. 960, Each.....		\$5.00

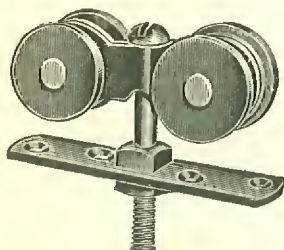
Factory shipments only.

End view of Nuway  
Construction



# RICHARDS-WILCOX LIGHT HANGERS AND TRACK

For very light doors



No. 30 Ball Bearing  
For doors  $\frac{7}{8}$  to  $1\frac{3}{8}$ "  
thick

For Curtains

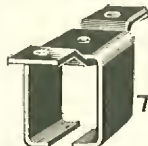


No. 0030A  
Ball Bearing

Brackets

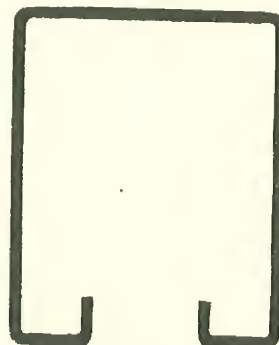


Nos. 1 and 2 x 30



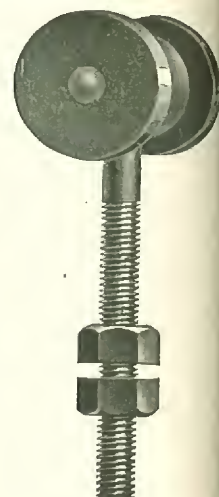
Nos. 7 and 8 x 30

Track



No. 30  
Full size cross section

For Display Racks



No. 030-1

No. 30 Hanger is suitable for wardrobe, truck cab or other very light doors.  
Finish, Japanned Steel

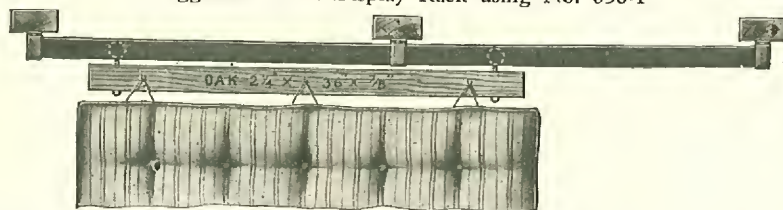
No. 30	Hanger, for No. 30 track, distance door to track 1", Fibre Wheels.....	Per Pair
0030A	Hanger, for No. 30 track, with bumpers, Fibre Wheels.....	\$2.50
030-1	Hanger, for No. 30 track, end of pendant to track $3\frac{1}{8}$ ", Steel Wheels.....	2.80

1x30	Side Wall Open Brackets, each.....	\$25
2x30	Side Wall End Brackets, each.....	.25
7x30	Parallel Ear Open Brackets, each....	.25
8x30	Parallel Ear End Brackets, each.....	.25
30	Track, 18 Ga. 6 ft. length, per ft. .25	

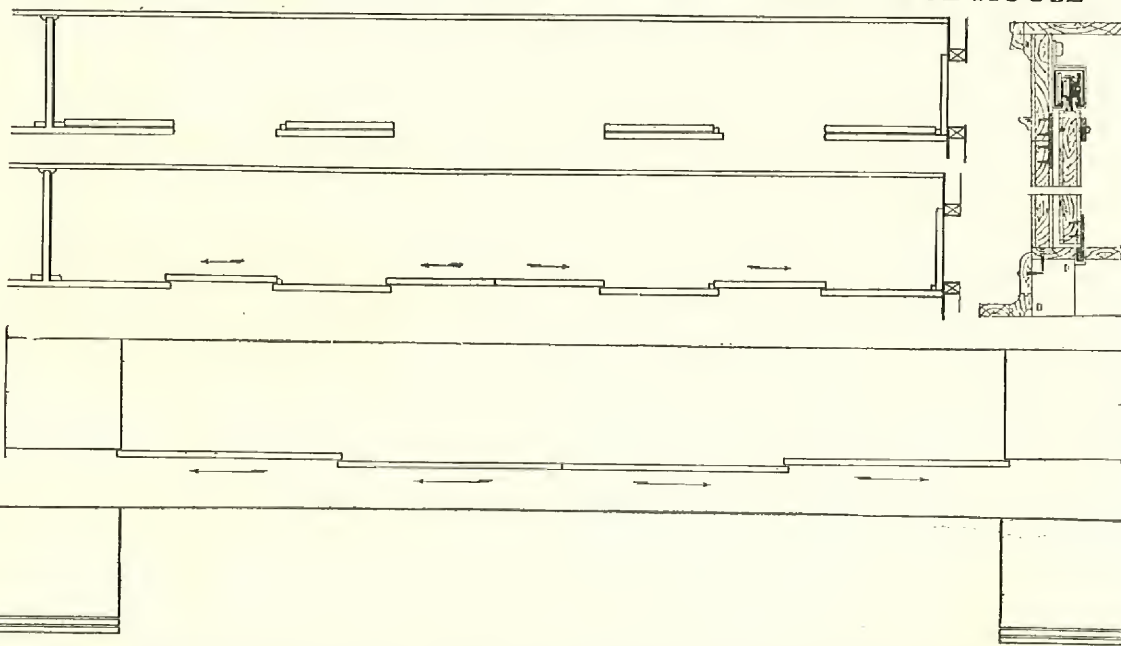
In Bulk

Note: Floor Guides and Track suitable for use with these hangers on page 166.

Suggestion for a Display Rack using No. 030-1



## TWO WARDROBE DOOR ARRANGEMENTS FOR SCHOOL HOUSE



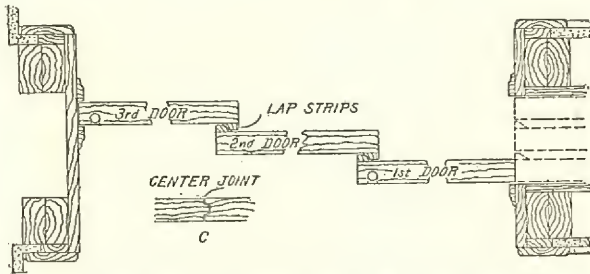
In the two upper plans, half of the doors are stationary, and the other half are mounted on hangers.

One hanger is required for each door, and the doors are connected together in sets of two by steel bars at the top and bottom of doors as shown in vertical section at right. The plan at top shows doors in open position, and the next plan, of track and two hangers to each door.

Use No. 30 Hanger and Track for wardrobe doors up to  $1\frac{3}{8}$ " thick. For doors  $1\frac{3}{8}$ " to  $1\frac{3}{4}$ " thick use No. 140-1 Hanger and No. 31 Track shown on opposite page.



## RICHARDS-WILCOX HANGERS FOR SLIDING PARALLEL DOOR PARTITIONS

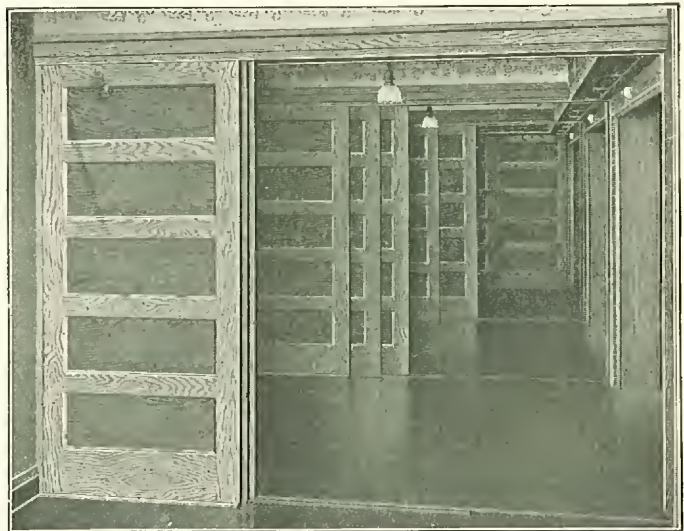


Detail plan of three track sliding partition.

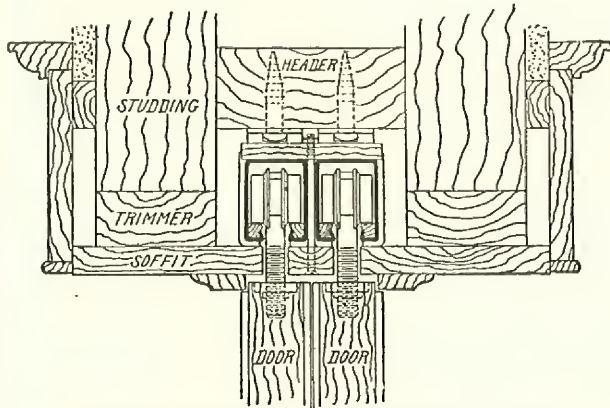
A wide opening can be covered by sliding three doors each way.

A simple, inexpensive and satisfactory way to take care of the movable partition problem. Suitable for class rooms in Sunday Schools, Y. M. C. A.'s, etc..

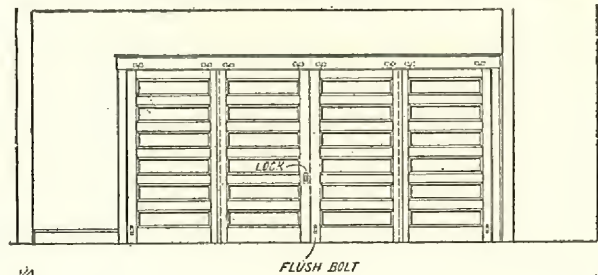
If pocket space cannot be provided for the doors, the door next to the jamb can be made stationary, and the others made to slide back of it.



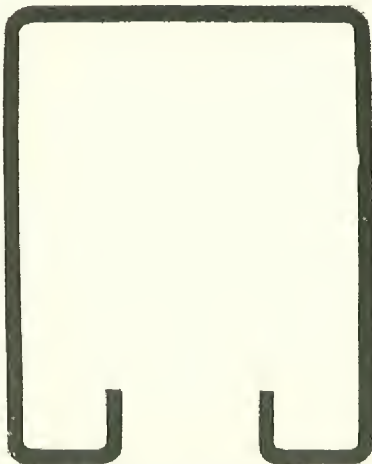
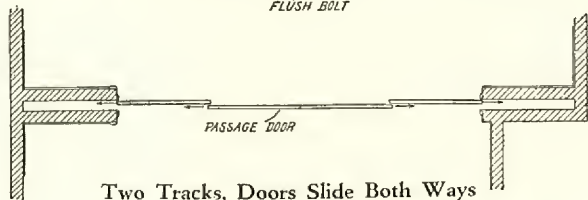
Three Tracks, Doors Slide One Way



Typical Cross Section through Head Jamb



Two Tracks, Doors Slide Both Ways

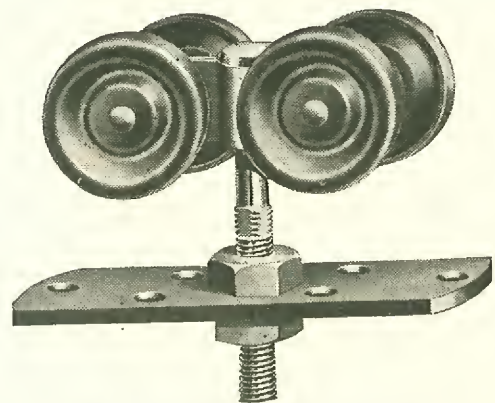


Full size No. 31 Track

No. 140-1 Hanger for No. 31 Track. For doors  $1\frac{1}{2}$ " to  $2\frac{1}{4}$ " thick. Plate  $1\frac{1}{2}$ " x  $\frac{3}{8}$ " x 6". Distance top of door to bottom of track, minimum  $1\frac{1}{4}$ ", maximum  $2\frac{1}{4}$ ".

No. 7-31 Parallel Ear Brackets recommended for use with this arrangement, see page 174 for measurements of brackets.

Japanned Finish.



Reduced size cut of No. 140-1 Hanger

No. 140-1	Roller Bearing Steel Wheels, for No. 31 Track, Per pair.....	\$3.00
7-31	Parallel Ear Brackets, Open, for No. 31 Track, Each.....	.30
8-31	Parallel Ear Brackets, End, for No. 31 Track, Each .....	.30
31	Track 16 Gauge, 3 to 10 foot lengths, Per foot.....	.25

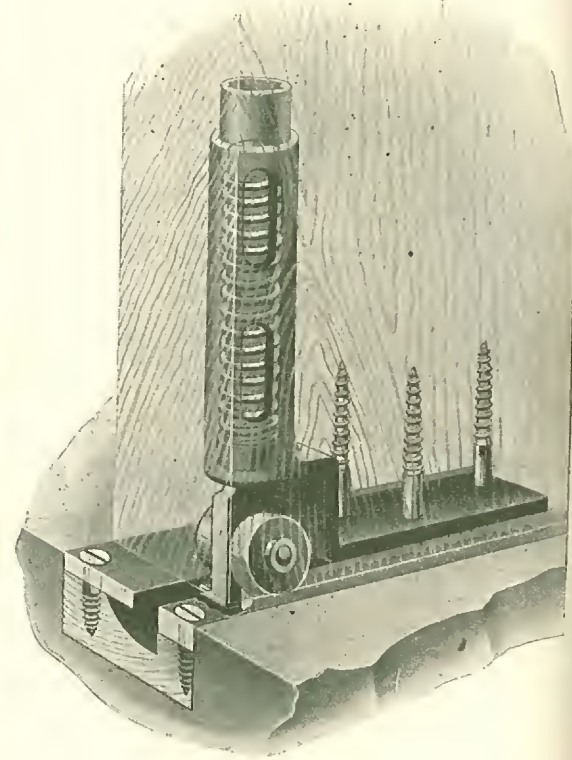
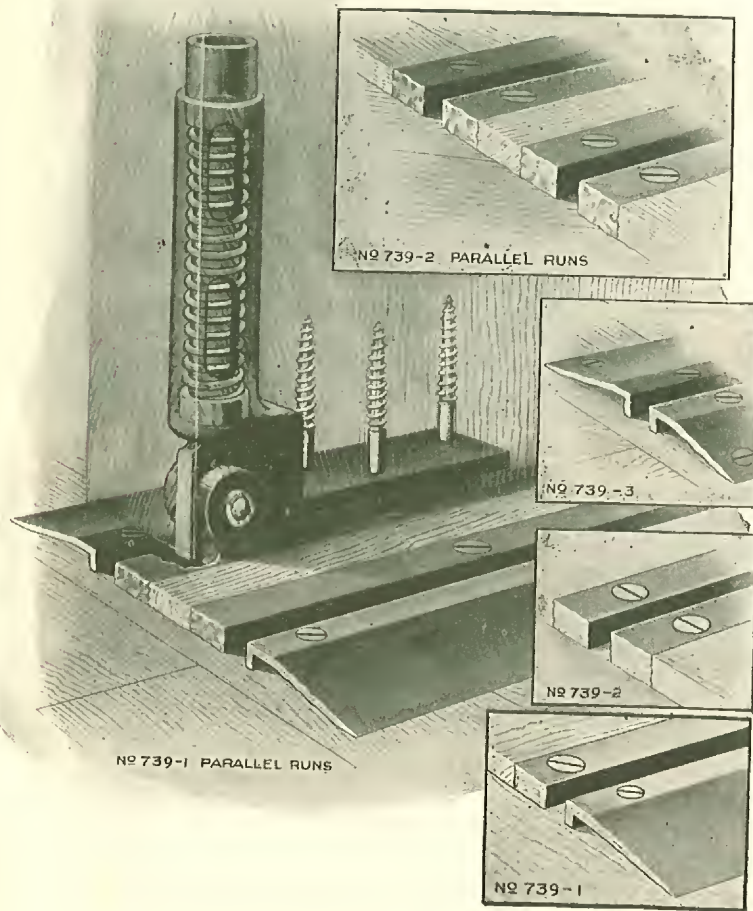
Floor Guides and Tracks to be used with this arrangement of doors shown on page 166.

Note: For smaller size track and hanger see page 171 No. 30 $\frac{1}{2}$  track and No. 126 hanger.



## RICHARDS-WILCOX FLOOR GUIDE AND TRACK

### FOR INTERIOR DOORS



No. 739-4 Guide and Track

The Floor Guide is set into the bottom of the door. The number of floor guides used should equal the number of hangers. The floor guide should be located directly in line with the hangers on folding doors. It is self-adjusting, vertically. The rollers are held in contact with the track by light spring pressure. It swivels when used with accordion doors. Minimum thickness of doors,  $1\frac{3}{8}$  inches. Suitable for use with all kinds of sliding partition doors. The No. 739-4 floor guide has a hook at the bottom which makes it impossible for it to leave the track.

The No. 739-3 Steel Track when set on top of the floor, forms a raised threshold with beveled strip on each side. When more than one door is used, as parallel or flush doors, flat track is used in the center, the space between is filled with  $\frac{3}{8}$  inch hardwood flooring. If the room is floored with  $\frac{3}{8}$  inch flooring, the beveled track can be left out and only flat track used which should be put in place before the floor is laid, when the track will be flush with the floor.

The No. 739-4 Guide Track is assembled to a wood base piece ready for installation complete. Total thickness of track is  $\frac{7}{8}$  inches, width  $1\frac{7}{8}$  inches.

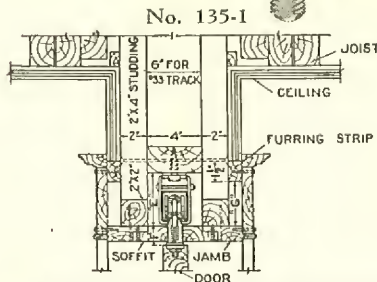
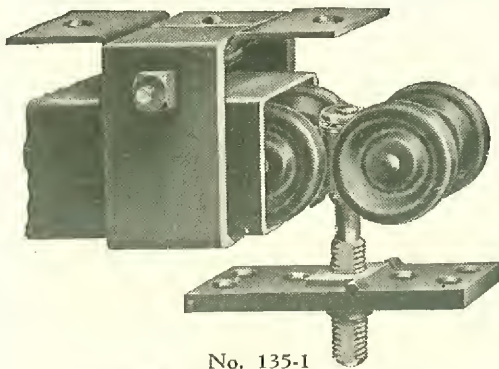
When ordering, send sketch or floor plan of floor guide track, with dimensions, state whether to be raised or flush threshold and give the number of doors. Parallel or flush doors require two guides to each door, accordion doors one guide to each hanger.

Finish, Guides and Track, Black Japan. Track in 6, 8 and 10 foot lengths.

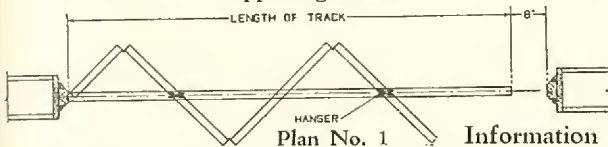
No. 739-1	Floor Guide. One in a package with screws. Each .....	\$1.60
739-1	T. K. Combination Bevel and Flat Floor Guide Track for parallel runs, per running foot (2 lineal ft.).....	.24
739-2	T. K. Flat Floor Guide Track, per running foot (2 lineal ft.).....	.24
739-3	T. K. Bevel Floor Guide Track, per running foot (2 lineal ft.).....	.24
739-4	Floor Guide. One in a package with screws. Each .....	2.40
739-4	Floor Guide Track. Per foot.....	.80



# RICHARDS-WILCOX HANGERS FOR SLIDING ACCORDION DOOR PARTITIONS



Above is cross section of typical overhead construction for supporting track.



Plan No. 1

## Information in Regard to Accordion Doors

**CAUTION**—When a run of accordion doors is operated every hinge must turn on its pin, and each hanger must swivel on its pendant bolt at the same time. If there is any binding at these points the doors will not work satisfactorily.

**RULE** for determining width of doors. To determine width of full size doors when all doors fold to one side, add to full width of opening (that is the actual space to be filled by the doors and not including hanging strips at the jambs) the distance from center of hinge pin to center line of track, and divide this sum by the number of full size doors plus  $\frac{1}{2}$ . Example: Clear width of opening = 12' 1" number of full size doors is 4. Distance from center of hinge pin to center line of track is  $1\frac{1}{4}$ ".  $12' 1" \text{ plus } 1\frac{1}{4}" = 146\frac{1}{4}"$ . Divide  $146\frac{1}{4}"$  by  $4\frac{1}{2} = 32\frac{1}{2}"$  width of full size doors.

To determine width of half door, take half width of full door and subtract distance from center of hinge pin to center line of track. Example, one half of  $32\frac{1}{2}"$  is  $16\frac{1}{4}"$ .  $16\frac{1}{4}" - 1\frac{1}{4}" = 15"$  width of the half door.

**WHEN** doors divide at the middle of opening, proceed as above except base calculations on one half the width of the opening and divide by one half the number of doors.

**HINGES**—Surface hinges or Butt Hinges can be used. For medium size doors  $1\frac{3}{8}"$  to  $1\frac{3}{4}"$  thick we recommend for hinging half door to hanging strip No. 2745— $3\frac{1}{2}"$  half surface hinge page 11 this catalogue and for the full doors use No. BE 2705— $3\frac{1}{2} \times 3\frac{1}{2}"$  full surface hinge. Distance center of pin to face of door No. 2745— $3\frac{1}{2}"$  is  $\frac{1}{8}"$ . Use three hinges to a door.

**DOORS** must be on the square, the same width throughout. Tongue and Groove Edged Doors can be used with surface hinges.

**HANGERS**—Use one hanger in the exact center of every other full size door beginning with door farthest from half door. Lay the doors evenly together and strike center line across top edge of doors. Then find center through thickness of doors.

**TRACK**—Use track about 8" shorter than width of opening which permits removal of hangers. Place 3 track brackets close together at half door end to carry concentrated load.

**BRACKETS**—Use Split Bracket here listed, which permits removal of track if necessary.

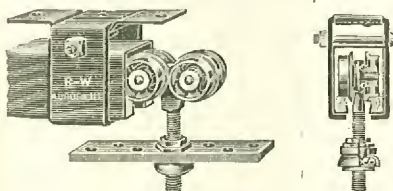
**FLOOR GUIDE TRACK** is recommended (see opposite page). It makes a more rigid partition and eliminates the use of all but one flush bolt.

**FLUSH DOOR BOLTS**—Use bolt No. 194, page 102. One bolt for each door unless floor guide and track are used.

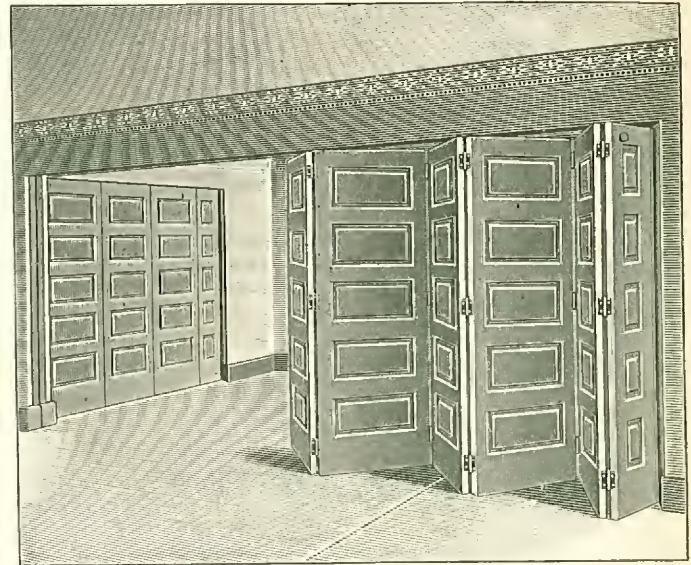
**DOOR PULLS**—Use Nos. 10419 to 10420 Pulls, page 108, one to each door.

Regular Type Hanger for  $1\frac{3}{4}"$  to 2" doors.

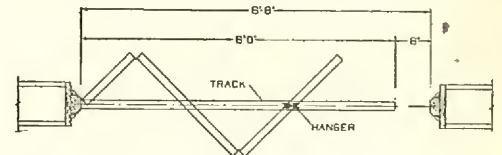
No. 135-1	Hanger, Roller Bearing Axles, Ball Bearing Swivel, Each	\$3.50
31	Track 16 Gauge Japanned Steel, 3 to 10 ft. lengths, per foot	.25
3-31	Split Ceiling Bracket, Japanned Steel	.50



No. 335 Hanger in  
No. 526 Track



The Accordion Door arrangement is suitable for the smaller partitions between Sunday School rooms, Y. M. C. A. Buildings, Dining Rooms and other similar conditions. We do not recommend more than six full doors hinged together.



Plan No. 2

## Light Weight Hangers for $1\frac{3}{8}"$ Doors

No. 135-0	Hanger, Ball Bearing Axles and Swivel, Each	\$3.00
30 $\frac{1}{2}$	Track, 16 Gauge, Japanned Steel, 6 ft. lengths, see page 171, per ft.	.25
3-30 $\frac{1}{2}$	Split Ceiling Bracket, Japanned Steel, Each	.45

## Noiseless Type Hanger for $1\frac{3}{4}"$ to 2" Doors

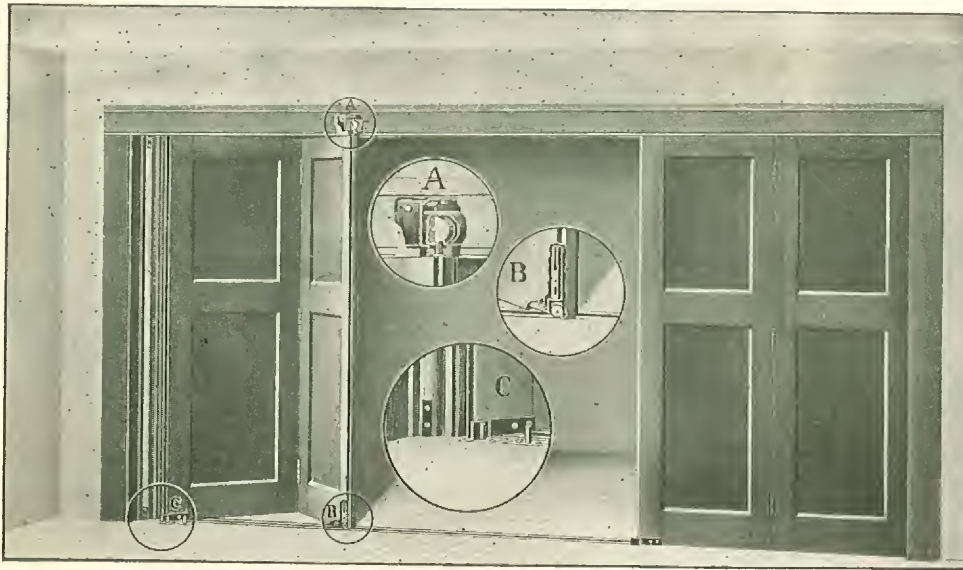
No. 335	Hanger Ball Bearing Axles and Swivel, Each	\$4.00
526	Wood lined noiseless track 6 and 8 ft. lengths, per foot	.80
3-31	Split Ceiling Bracket, Japanned Steel, Each	.50

Special catalogue or directions for erecting sent on request.

Other sizes of Accordion Hangers and track can be furnished.



## RICHARDS-WILCOX No. 237 FOLDING PARTITION DOOR HARDWARE



Six door No. 237 Installation. All doors slide and fold to the left in pairs. "A" shows hanger, "B" Floor Guide and Floor Guide Track, "C" Stops and Plates.

The No. 237 Folding Partition Door Hardware has been developed for use where it is desired to have all the doors in a partition of equal width. It is also especially adapted for use where the doors must be drawn past columns before they are folded or where it would be objectionable to have part of the doors extended beyond the wall line on one side, as is necessary, when using the regular accordion folding doors. An opening of any width can be taken care of with this arrangement.

The doors are hinged together in pairs and only two doors are moved at a time. Generally the doors nearest the jamb toward which the doors fold are pivoted to the floor and head jamb, but where it is desired to close the doors into a pocket or have them stand behind a projection of the partition wall, each pair of doors may be fitted with hangers at both ends.

The number of stops and plates required for each opening equals the number of pairs of doors sliding to one side of opening, less one. One hanger and one floor guide are required for each door. When the first door is pivoted, one pivot is used instead of one hanger, and floor guides used for that door. Doors approximately three feet wide are recommended. Brackets should be placed 2 to 2½ feet apart.

When all the doors open to one side, spring plates for compensating jamb strip are furnished. The compensating jamb strip allows for a slight variation in width of doors due to shrinking or swelling, and always keep them tight together when closed.

When half of the doors open to the right and half to the left a stop to be attached to soffit at center of opening is furnished. Bumper shoes are furnished for bottom of door where the stop plate of one door comes in contact with the next door during the opening operation.

IN ORDERING state: Width of opening, number of doors; thickness of doors; whether all of the doors fold toward one side or divide at the center, half folding each way. On 1⅝" thick doors using No. 237-O Hangers, state which type of floor guide track is wanted, No. 739-2 or No. 739-3. No. 739-4 is furnished for all other thicknesses of doors.

Note:—Top rail of door should be not less than 5" wide.

Floor guide track and floor guides are described on page 166.

The floor plan arrangements shown on opposite page in connection with No. 535 are applicable to No. 237 hardware, as the principle of operation is the same. No. 535 is intended for heavy doors and the weight is carried on floor rollers, while No. 237 carries the weight from the overhead track.

Butts, Surface Hinges or Concealed Hinges can be used. Use one flush bolt to every other door, No. 194, page 102. Use one flush door pull to each door, Nos. 10419 to 10420, page 108.

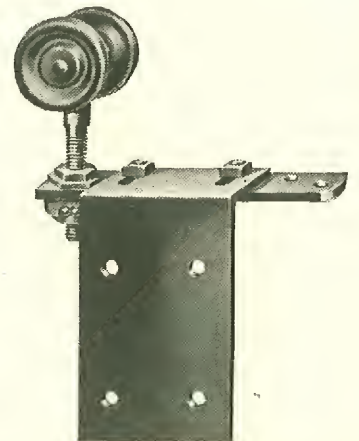
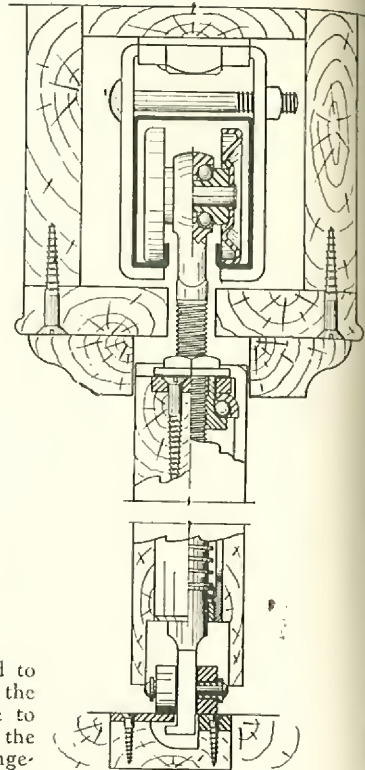
Special catalogue or erection blue prints sent on request.

### DEAD BLACK FINISH

Prices of hardware not including hinges, flush bolts, door pulls or lock sets.

Hanger No.	Track No.	Thickness of doors	Max. Weight of doors	Price complete except as noted above, Per Door
237-0	* 30½	1⅝"	80	.....\$ 7.50
237-2	31	1¾" to 2 "	110	..... 8.50
237-3	33	2 " to 2¾"	225	..... 17.00
237-4	232	1¾" to 2½"	150	..... 15.00

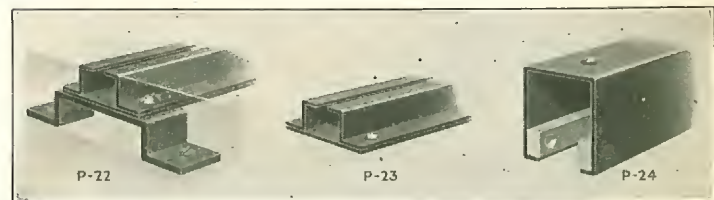
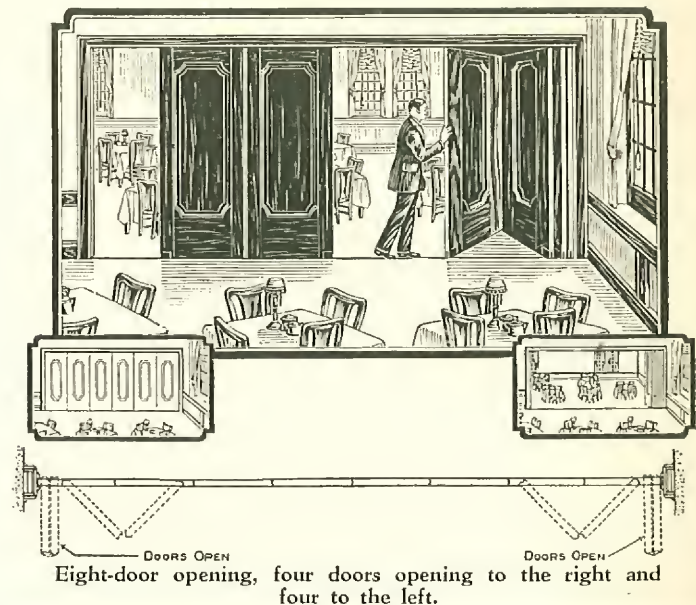
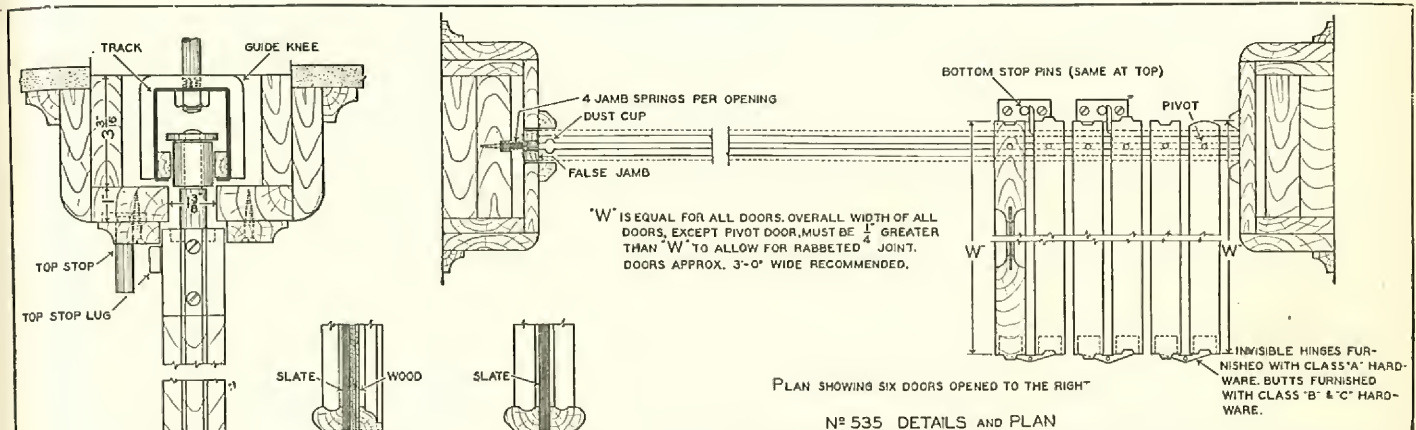
\*No. 30½ track shown on page 171.



No. 237 Hanger



# RICHARDS-WILCOX No. 535 FOLDING PARTITION DOOR HARDWARE FOR LARGE DOORS



Bottom Track Bottom Track Top Track

Five-door opening showing the pivoted door mounted independent of other doors, to be used as a passage door. When passage doors are required and Wicket Doors are not desirable, the passage doors should always be at the side of the opening as shown, and not at the center of the opening.

No. 535 Hardware is especially adapted for long runs of large partition doors such as are used for dividing Sunday-School rooms from main church auditorium, divisions in gymnasiums, lodge-rooms, etc. The doors are hinged together in pairs and each pair is operated as an independent unit, so that width of opening is immaterial.

All doors may be made to open in one direction or the doors may be divided in the center and half of them folded to the right and half to the left.

The entire load is carried on the floor track. The upper track only serves to guide the top of the doors. Note doors can be drawn past columns before folding.

This hardware is furnished for doors from 1 3/4" to 3" thick, varying in 1/4" steps. Doors 1 3/4" thick are not recommended for openings over 12 ft. high. Special catalogue or erection blue prints sent on request. We do not furnish the doors.

Price per door for complete sets of No. 535 Hardware including all items of hardware.

Thickness of doors:	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"
*Solid Brass Hardware with Invisible Hinges, Per door	\$40.00	\$46.00	\$52.00	\$58.00	\$64.00	\$70.00
Dead Black " " " "	25.00	29.00	33.00	37.00	41.00	45.00
" " " " Butt " " "	20.00	24.00	28.00	32.00	36.00	40.00

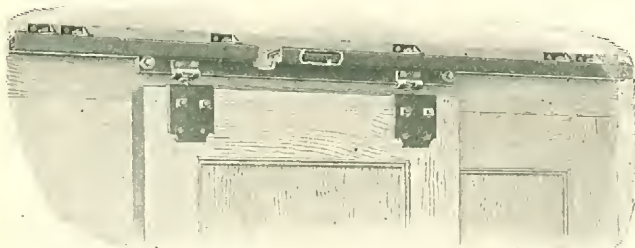
\*Exposed items only in solid brass.



## RICHARDS-WILCOX "IDEAL" ELEVATOR DOOR HANGERS

The length of the "Ideal" Hanger is equal to the width of the door, providing a long bearing, evenly distributing the weight of the door over a long section of track, insuring to a certainty a smooth steady motion and easy running. The weight of the door is carried on two rows of  $\frac{1}{2}$  inch high duty steel balls kept an equal distance apart by a retainer. Limit rollers prevent doors from jumping or raising.

The track is a rectangular shaped tube made of very heavy gauge steel, drawn to form two parallel runways for the steel balls upon which hanger rolls. Length of track is equal to the full run of doors. Track is dirt and dust proof.



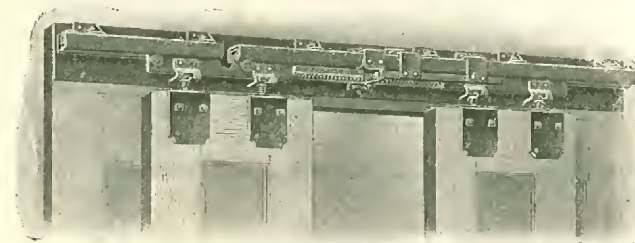
No. 727

Single Door Hangers are used for single sliding doors or for combination swing and slide doors when track is attached to swinging transom arm.

Furnished with either toe plate or apron attachment for doors. Hanger has vertical and lateral adjustment. Track has lateral adjustment.

For Doors up to 200 lbs.

No. 727	Width Doors:				
	Up to 32"	32 to 38"	38 to 44"	44 to 50"	50 to 56"
Per Set	\$11.50	\$13.00	\$14.50	\$16.00	\$17.50



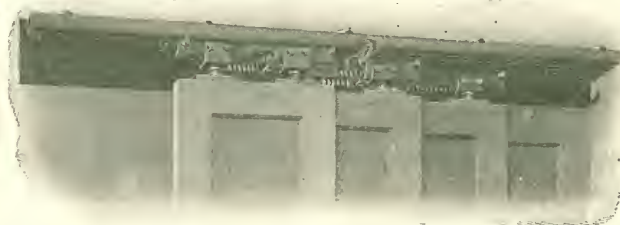
No. 728

Two speed hangers are made regularly with rack and pinion attachment for operating two doors in same direction, one door moving at twice the speed of the other. Also made without rack and pinion, for use when two speed controllers are used.

Furnished with a wall plate to which the complete fixture is attached.

For doors up to 150 lbs. each.

No. 728	Width Doors:			
	Up to 20"	20 to 26"	26 to 32"	32 to 38"
Per Set	\$44.00	\$47.25	\$50.50	\$53.75
(Without rack and pinion deduct \$12.50)				

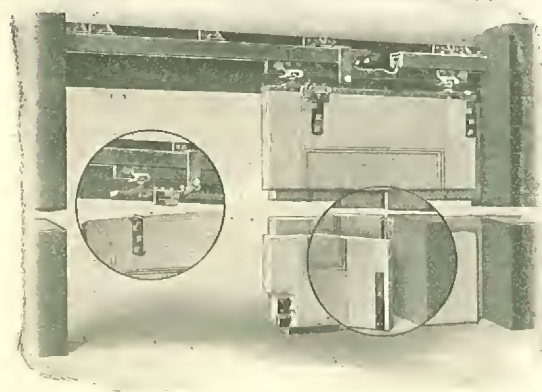


No. 730

Two Way Hangers are made with rack and pinion attachment for simultaneously operating two doors in opposite directions. Can be furnished without rack and pinion so that doors can be operated independently. Furnished with wall plate to which complete fixture is attached.

For doors up to 200 lbs. each.

No. 730	Width Doors:			
	Up to 20"	20 to 26"	26 to 32"	32 to 38"
Per Set	\$30.50	\$33.50	\$36.50	\$39.50
(Without rack and pinion deduct \$10.00)				



No. 732

No. 729

Three speed hangers are made with rack and pinion attachment for operating three doors in the same direction, the fast door at three times the speed of the slow door and the intermediate door at twice the speed of the slow door. Furnished with a wall plate to which complete fixture is attached.

For doors up to 150 lbs. each.

No. 729	Width Doors:			
	Up to 14"	14 to 20"	20 to 26"	26 to 32"
Per Set	\$56.00	\$59.00	\$62.00	\$65.00

### No. 732 Combination Sliding Swinging Hanger

This hanger used when stationary door is hinged and it is desirable at times to swing both doors open so as to use the full width of the opening, yet not practical to swing the transom bar to which track is attached. For doors up to 200 lbs.

No. 732	Width Doors:			
	Up to 38"	38 to 44"	44 to 50"	50 to 60"
Per set without hinges and flush bolts	\$16.00	\$17.75	\$19.50	\$21.50

Information required in ordering Ideal Elevator Hangers:

- 1 Width of each sliding door;
- 2 Lap of sliding door over stationary door;
- 3 Lap of sliding door over jamb, if any;
- 4 Width of sliding door opening;
- 5 Distance between jambs;
- 6 Thickness of doors;
- 7 Whether attached to metal or wood;
- 8 Right hand (as in cut of No. 732) or left hand;
- 9 Whether doors are wood, kalamein, hollow metal, grill or angle iron.

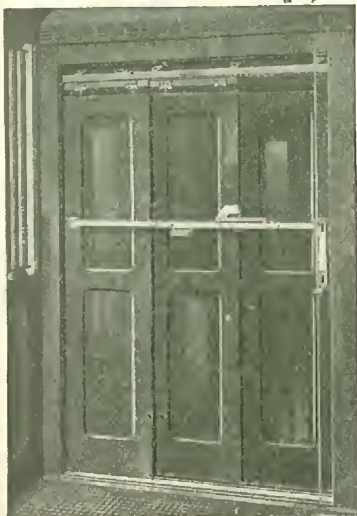
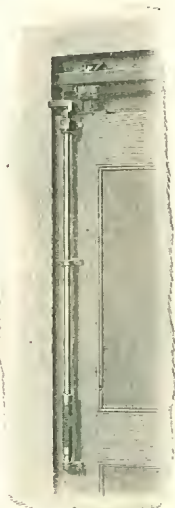
Elevator door hanger catalogue with full size details will be sent on request. Elevator hangers are made up to order only.



## RICHARDS-WILCOX "IDEAL" ELEVATOR DOOR CONTROLLER



No. 743

No. 743 IL Controller  
with Interlocker.

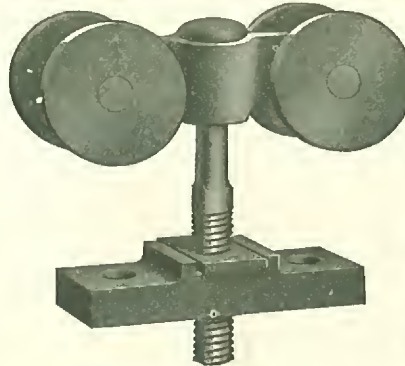
No. 625 Bolt

**No. 743 Controller**  
The automatic closing of elevator doors is being demanded more and more as preventive of accidents caused by failure of the operator to close the door. Doors are always closed when the car leaves the floor. The Ideal Closer performs this work positively and easily. Eliminates the objectionable noise and slamming of the doors. The long lever handle starts the doors easily. The spring cannot be overwound, is extra long, insuring long life; acts positively to close the door, regardless of position of arms. Doors cannot be opened from corridor side, except with a key furnished for that purpose, if desired. Can be used in connection with any standard make of hanger; single, two-speed, three-speed, doors in pairs or combination swing-out. Prices on application.

### 743-IL

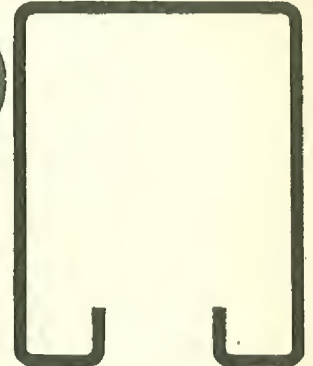
The combination of "Ideal" Controller and electric interlocking attachment in addition to closing and locking the door without noise or slam has the added advantage of automatically preventing the car from being moved until the door is closed, and requires no attention from the operator. Write us about your requirements, and full information will be sent. No. 625 Elevator Door Bolt and other types, see page 64. Special catalogue of Richards-Wilcox elevator door hardware sent on request.

## RICHARDS-WILCOX ELEVATOR DOOR HANGERS



No. 126 Hanger

Distance top of door to bottom of track;  
minimum  $1\frac{1}{8}$  inches, maximum  $2\frac{3}{8}$  inches.



No. 30 1/2 Track

Full size Cross Section

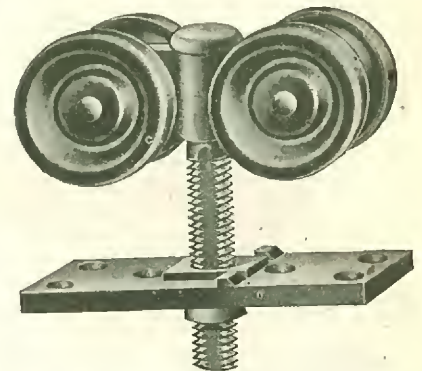
No. 126 Hangers  $1\frac{3}{4}$ " wheels hardened ball bearings, vertical adjustment. Top plate  $3\frac{1}{2} \times 1$ ". Pair.....\$3.50  
No. 30 1/2 Track 16 Ga. Steel Japanned in 6 ft. length. Per foot .25  
No. 1x30 1/2 Open Wall Bracket, each......25  
No. 2x30 1/2 End Wall Bracket, each......25

### No. 226

Distance top of door to  
bottom of track.

Minimum 1 "  
Maximum  $2\frac{3}{4}$ "

For doors up to 300 lbs.  
No. 31 Track to take No.  
226 Hanger is shown on  
page 175.



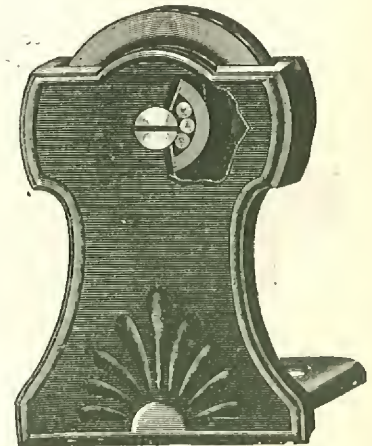
No. 226 Hanger for No. 31 Track

No. 226 Hangers  $2\frac{1}{8}$ " wheels hardened, ball bearing. Vertical adjustment. Top plate  $5 \times \frac{3}{8}$ ". Pair.....\$3.50  
No. 31 Track 16 Ga. Steel Japd. Per foot......25  
No. 1x31 Open Wall Bracket, each......25  
No. 2x31 End " " " "......25

### No. 432B

## STANDARD ELEVATOR DOOR HANGER

For doors  $1\frac{1}{8}$ " or more in thickness. Ball bearing axles. Wheel Grey Iron. Lathe turned and  $3\frac{1}{2}$ " in diameter. Track is steel bar  $2 \times \frac{1}{4}$ " made in one piece up to 12 feet long. No track brackets are used. Ends of track are bent to an offset and bolted to frame of shaft.



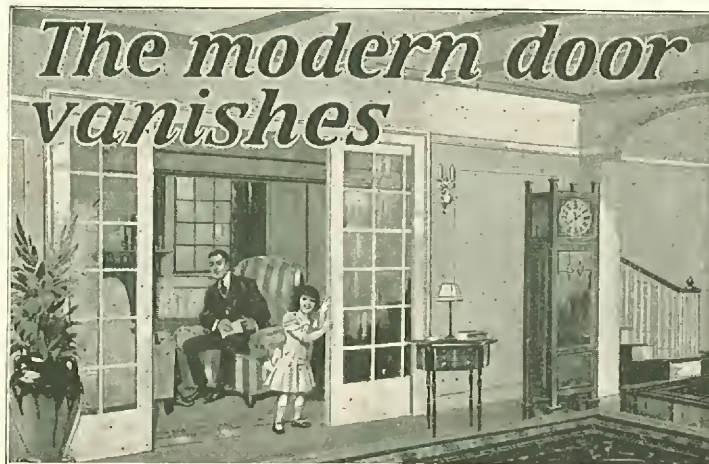
No. 432B

No. 432B Hangers, Per Pair.....\$3.00  
No. 432-1 Track, Per Foot......20

*Shipped from factory only.*



# RICHARDS-WILCOX HOUSE DOOR HANGERS



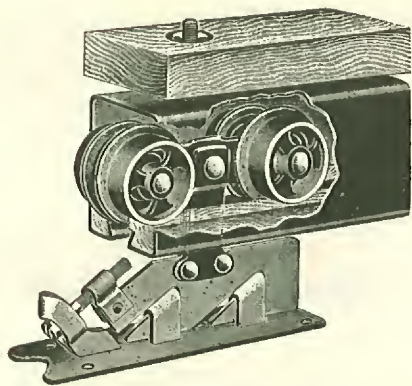
A suitable hanger for light office partition doors is No. 30 shown on page 164 or No. 126, page 171.

Disappearing French Doors do not interfere with furniture nor bump into the china closet or bookcase.

## DISAPPEARING FRENCH DOORS

### No. 221 ADVANCE HANGER

#### Noiseless Ball Bearing



Very high grade track and hanger, both of which are adjustable. The wood header strip comes with the track, and is adjustable by means of the three connecting screws. The track can be removed entirely from opening by taking out two forward screws. Track is lined with hard maple, which is clinched in and cannot work loose. The hanger has a fine screw adjustment that will not work down. The wheels are  $1\frac{7}{8}$ " diameter grey iron, lathe turned, hardened ball bearings, Steel Frame.

Packed complete with screws and floor guides, and the double sets have overhead center stop.

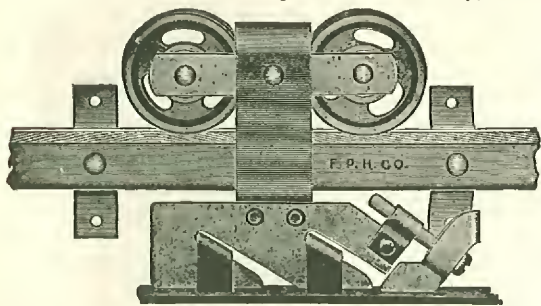
$6\frac{1}{4}$ " distance top of door to bottom of rough heading timber.  $2\frac{1}{4}$ " minimum width of wall pocket.

In ordering state whether for single or double doors and give width of opening.

#### No. 221

Single sets of hangers and track—								
Width of opening	2' 6"	2' 8"	2' 10"	3' 0"	3' 6"	4' 0"	4' 6"	5' 0"
Price of hangers with track	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.60	\$ 7.10	\$ 7.70	\$ 8.20
Double sets of hangers and track—								
Width of opening	5' 0"	5' 4"	5' 8"	6' 0"	7' 0"	8' 0"	9' 0"	10' 0"
Price of hangers with track	12.00	12.00	12.00	12.00	13.20	14.20	15.40	16.40
Price of single sets of hangers without track								2.65
Price of double " " " "								5.25

For price of track only, deduct price of hangers from price of complete sets.



### No. 10 PITTSBURGH HANGER

#### Ball Bearing Wheels, Noiseless Wood Lined Track

A quiet, easy running hanger. Wheels are grey iron turned true and roll on hard maple track. Adjusting screw will not work loose. Hanger cannot get off the track. Track is reinforced with a continuous piece of "U" shaped steel.

A rubber covered overhead center stop is packed in the double sets. Small roller floor guides and screws with each set.

#### No. 10 Pittsburgh

No. 10 Pittsburgh Single Sets Hangers with	8 ft. of track	Per set	\$3.25
10 " " " " " "	10 " " " "	" "	3.75
10 " " Double " " " "	14 " " " "	" "	6.50

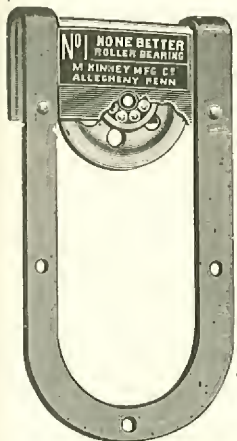
#### PARTS—

Track only—7, 8 and 10-foot lengths	Per ft.	.25
Rubber covered roller guides	Each	.15
Rubber covered overhead center stop	"	.25



## BARN DOOR HANGERS AND TRACK

## McKINNEY FLAT RAIL TRACK



No. 1900



## No. 1912 Track for No. 1900 and No. 1902 Hangers

Nos. 1900 and 1902 Hangers are made entirely of wrought steel and are Japanned finish. Wheels have roller bearings. If bolts are wanted state thickness of door.

No. Hanger	Wheel	Frame	Per Pair
1900—1	3 1/2"	11x5 1/8"	\$1.25
1900—2	3 7/8"	12x6"	1.50
*1902	3 3/8"	5x2 1/2" Apron	1.50

\*No. 1902 is a hinged hanger and permits the door to swing out. The apron fits 1 3/4" doors.

No. 1902 packed 1 pair in a box with bolts, 12 pairs in a case.

No. 1900 not boxed, 12 pieces in a crate without bolts.

## No. 1912 Track

No. 1912 Track, 1 1/4 x 1/8", in 6, 8 and 10 ft. lengths, 6 pieces to a bundle..... Per Ft. \$1.15

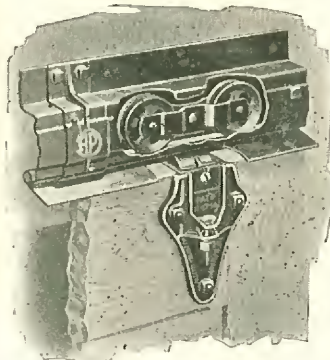
## ALLITH PROUTY WATERSHED TRACK

No. 1010 track is formed of one piece of steel without rivets or welds. The hanger is covered. The watershed apron stiffens the track as well as keeping out rain and snow.

Track is secured to the building with three screws and nails spaced every six inches. Brackets used only at the joints.

## RICHARDS-WILCOX TUBULAR TRACK

No. 243-1 Track is made of 14 Ga. Steel formed into shape of tube 1 5/8" outside diameter with steel brackets riveted in place.



No. 1012 Hanger on No. 1010 Track. Headroom required 5 1/2 in.

No. 1012 Hanger made of Malleable Iron. Machine turned wheels, roller bearing, vertical and lateral adjustment. One joint bracket and two end stops are packed with each pair of No. 1012 hangers.

Japanned finish, per pair.....\$3.00

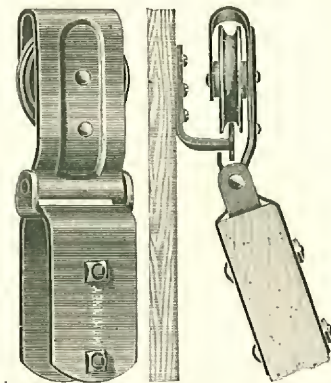
One pair in a box with bolts for 1 3/4" door.

Twelve pairs in a case.

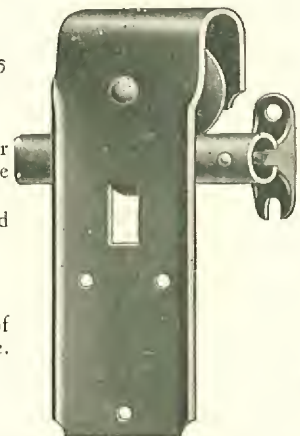
No. 1010 Watershed Track, Japanned, per foot.....\$ .35

Furnished in 6, 8 and 10 ft. lengths.

Three pieces in a bundle.



No. 1902



## No. 462-2 Hanger on No. 243B Track.

No. 462-2 Hanger, Roller Bearing 2 1/2" Iron Wheel with machined tread, steel frame 10 1/2 x 3 1/2". Japanned. Per pair.....\$1.75

Packed one pair in a box with bolts for 1 3/4 to 2" door.

Twelve pairs in a crate.

No. 243-1 Tubular Track Japanned finish. Per foot \$.22

Furnished in 6, 8 and 10 ft. lengths.

Ten pieces in a bundle.

## McKINNEY TROLLEY TRACK

No. 1904 Hanger made of cold rolled steel through-out. The four wheels have roller bearings, vertical and lateral adjustment. Apron is 3 3/8" wide, 6" long outside and 3" long inside. It is adjustable for doors from 1 3/4" to 2 3/4" thick. Apron is hinged to truck, permitting door to swing out when desired. Lock washer prevents adjusting nut from working loose. The truck is galvanized and the apron finished in a dark blue enamel. Packed with bolts for attaching to door.

1904 Hangers without brackets.....Per Pair \$2.00

1905 " with 3 Wall brackets.....Per Set 2.75

1931 Track Japanned in 6, 8 and 10 ft.

lengths .....Per Ft. .25

1981 Bracket Japd. Single Wall Open Each .25

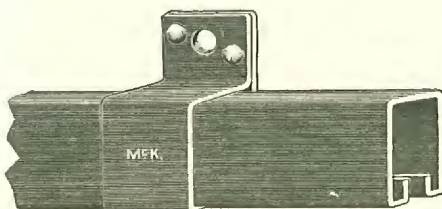
1982 " " " " End " .25

1983 " " " " Ceiling Open " .30

1984 " " " " End " .30

1985 " " Double Wall Open " .70

1986 " " " " End " .70



Nos. 1904 and 1905

Nos. 1904 and 1905 Hangers one pair in a box, 12 pairs in a case.

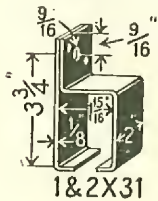
No. 1931 Track, 8 pieces of one size in a crate. Brackets packed as desired.



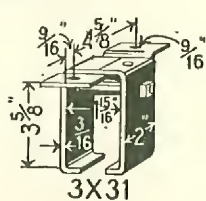
## DIMENSIONS AND PRICE LIST

## RICHARDS-WILCOX TROLLEY TRACK BRACKETS

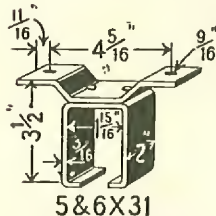
## FOR NO. 31 TRACK



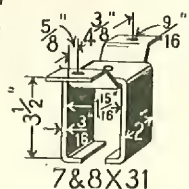
1x2x31



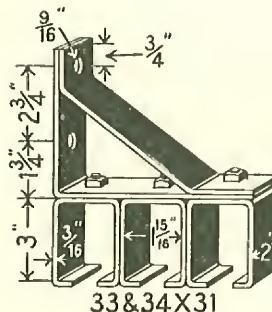
3x31



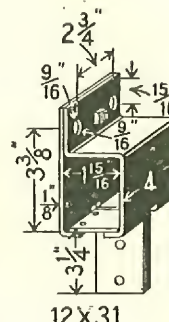
5x6x31



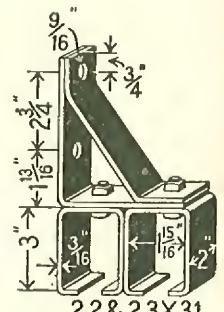
7x8x31



33x34x31



12x31



22x23x31

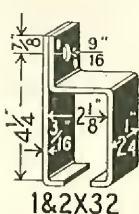
Japanned Steel

All end brackets have loose end pieces suitable for right or left hand.

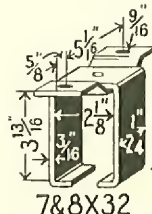
No.			No.			Type
1x31	open	or	2x31	end		Side Wall Single Bracket
7x31	"		8x31	"		Parallel Ear Ceiling Single Bracket
5x31	"	"	6x31	"		Cross Ear Ceiling Single Bracket
3x31	"					Split Parallel Ear Ceiling Single Bracket
12x31	"					Side Wall Single Bracket, with center stop
22x31	"	"	23x31	"		Side Wall Double Bracket
33x31	"	"	34x31	"		Side Wall Triple Bracket

Each
\$ .25
.30
.30
.50
1.00
.80
1.50

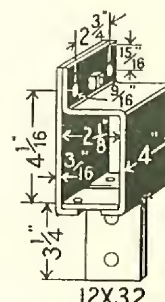
## FOR NO. 32 TRACK



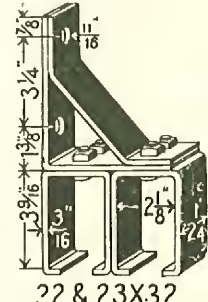
1x2x32



7x8x32



12x32

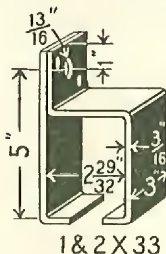


22x23x32

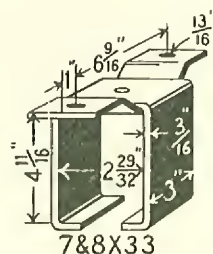
No.			No.	Type	
1x32	open	or	2x32	end	Side Wall Single Bracket
7x32	"	"	8x32	"	Parallel Ear Ceiling Bracket
22x32	"	"	23x32	"	Side Wall Double Bracket
33x32	"	"	34x32	"	Side Wall Triple Bracket
12x32	"	"			Side Wall Single Bracket with Center Stop

Each
\$ .45
.50
1.10
2.00
1.20

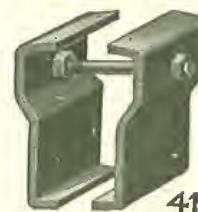
## FOR NO. 33 TRACK



1x2x33



7x8x33



41



18

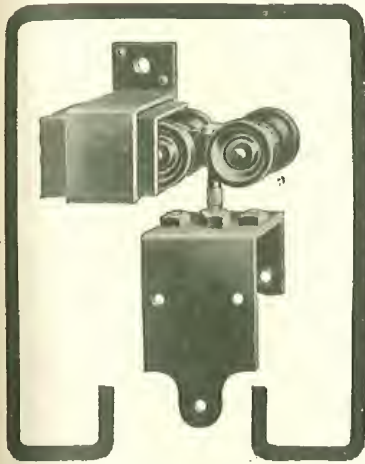
Types No. 41 and 18 furnished from factory for No. 31, 32 or 33 Track.  
Price on application.

No.	No.	Type	Each
1x33 open or 2x33 end	Side wall Single Bracket		\$ .70
7x33 " " 8x33 "	Parallel Ear Ceiling Single Bracket		.50

Brackets are in bulk without bolts or lag screws.

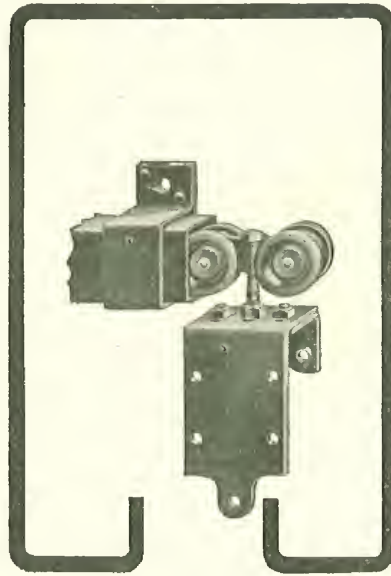


# RICHARDS-WILCOX TROLLEY HANGERS AND TRUCKS



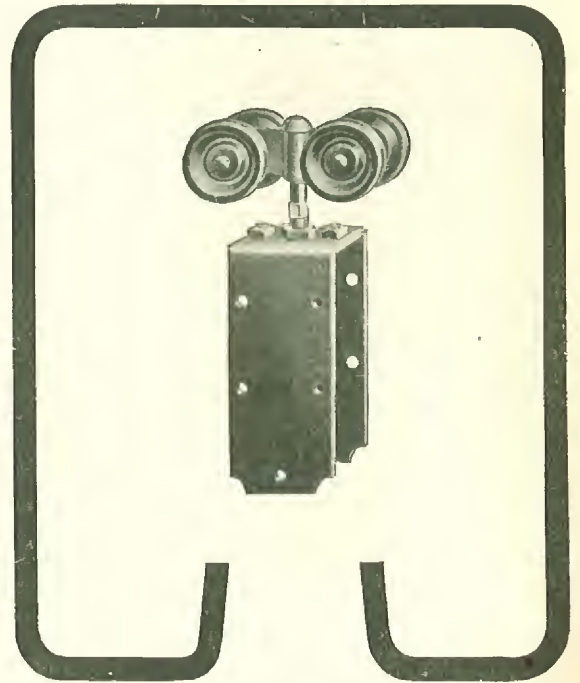
No. 20-2  
Hanger

No. 31 Track, Full Size.



No. 28V  
Hanger

No. 32 Track, Full Size.



No. 150 1/2 B  
Hanger

No. 33 Track, Full Size.

See opposite page for several types of brackets for use with these tracks.  
Track brackets and hangers are all finished in baked Japan.  
All of these hangers have vertical and lateral adjustment.

## DUTY AND DIMENSION CHART

When ordering hangers give thickness of door.

### TRACK

		No. 31	No. 32	No. 33
Maximum Weight of Door	Pounds	300	500	1000
Dimensions of track outside	Inches	2 3/8 x 1 7/8	3 x 2	3 1/2 x 2 7/8
Thickness of track	Gauge	16	14	13
Lengths carried in stock, straight track	Feet	3, 4, 5, 6, 7, 8, 9, 10	4, 5, 6, 7, 8, 9, 10	4, 5, 6, 7, 8
Price of track	Per Ft.	\$ .25	\$ .45	\$ .70

### BRACKETS

		Nos. 1 or 2x31	Nos. 1 or 2x32	Nos. 1 or 2x33
Greatest spacing of brackets recommended	Inches	30	24	24
Side wall bracket, distance center of bolt hole to bottom of track	Inches	3 3/4	4 1/4	5
Price of side wall bracket, open or end	Each	\$ .25	\$ .45	\$ .70

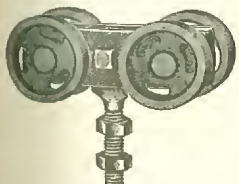
### HANGERS

		No. 20-2	No. 28V	No. 150 1/2 B
For doors up to	Pounds	300	500	1000
For doors, thickness	Inches	1 3/4 to 2 1/2	1 3/4 to 2 & 2 1/4 to 2 3/4	1 3/4 to 2 & 2 1/4 to 3 1/2
Bearings of wheels	Type	Roller	Roller	Ball Bearing
Apron for attaching hangers to doors, size	Inches	6 x 3 1/2 x 1 5/8	7 1/2 x 4 x 5/8	9 1/2 x 4 x 1 5/8
Distance top of door to bottom of track, maximum and minimum		1 1/8—2 1/8	1 1/8—2 1/8	1 1/2—2 5/8
Price of hangers without brackets	Per Pair	\$2.25	\$4.00	\$10.00
Price of hangers with 2 end and 1 open single side wall bracket with lag screws	Per Set	\$3.00		

Hangers packed one pair in a box with bolts.

Track packed six pieces in a bundle.

Brackets packed loose without bolts or lag screws.



Trolley Truck  
with pendant.

### TROLLEY TRUCKS

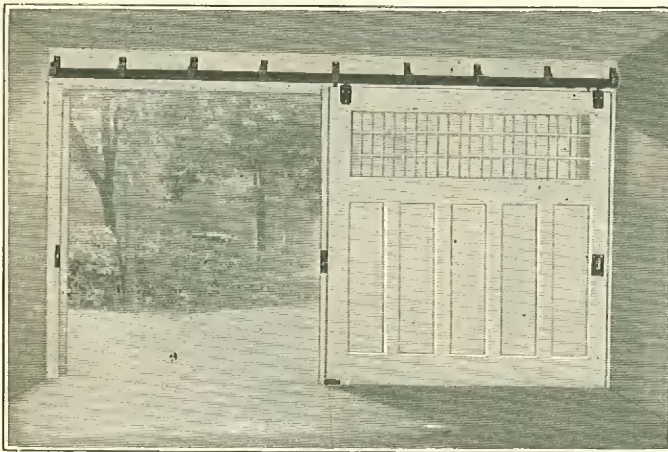
Suitable for steel doors with angle frames.

		No. 31 For track	No. 32 No. T20-2	No. 33 No. T29 1/2 B
Number of truck		1/2"	3/8"	3/4"
Diameter of pendant bolt				
Length of pendant bolt from bottom of wheels to end of bolt		2 3/4"	3"	3 1/4"
Bearings of wheels		Roller	Roller	Ball Bearing
Price of trucks, per pair		\$2.00	\$3.50	\$7.00

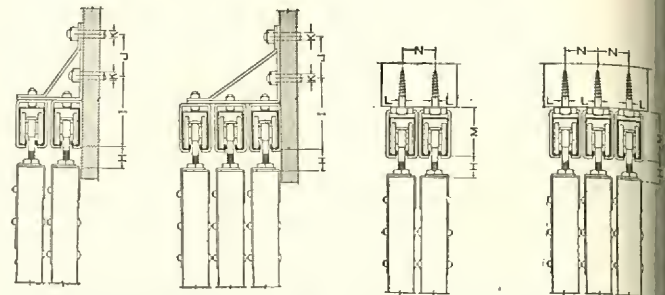
*Japanned finish—In bulk.*



# RICHARDS-WILCOX PARALLEL SLIDING DOOR HANGERS

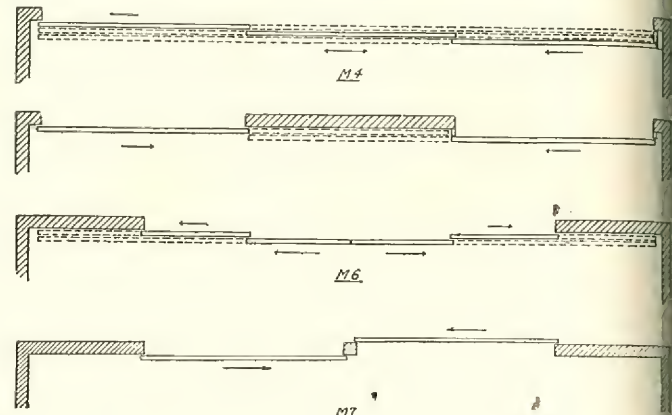
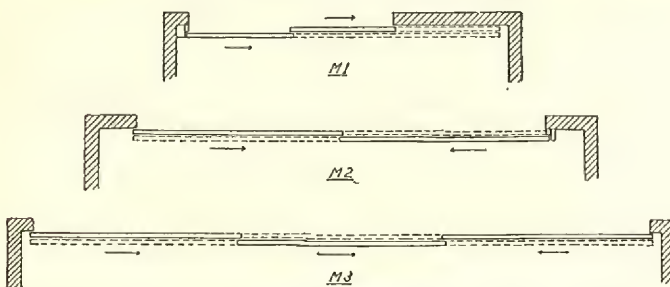


A two car garage with two doors on parallel tracks.  
Doors can be slid to either side.



Cross section showing side wall bracket attachment of two and of three parallel doors.

Cross section showing parallel ceiling bracket attachment of two and of three parallel doors.



The above floor plans show possible arrangements for parallel doors.

Brackets, Hangers and Track Here Listed Shown on Pages 174 and 175

## FOR DOORS 1¾ TO 2" THICK AND WEIGHING UP TO 300 LBS. EACH

No. 31	Track 16 Gauge, Lengths 3, 4, 5, 6, 7, 8, 9 and 10 feet	Per foot.....	\$ .25
No. 1x31	Open or No. 2x31 End, Single Side Wall Bracket	Each .....	.25
22x31	" " " 23x31 " Double Side Wall Bracket	" .....	.80
33x31	" " " 34x31 " Triple Side Wall Bracket	" .....	1.50
7x31	" " " 8x31 " Single Parallel Ear Ceiling Bracket	" .....	.30
5x31	" " " 6x31 " Single Cross Ear Ceiling Bracket	" .....	.30
No. 20-2	Roller Bearing Hangers	Per pair.....	\$2.25

## FOR DOORS 1¾ TO 2¾" THICK AND WEIGHING UP TO 500 LBS. EACH

No. 32	Track 14 Gauge, lengths 4, 5, 6, 7, 8, 9 and 10 feet	Per foot.....	\$ .45
No. 1x32	Open or No. 2x32 End, Single Side Wall Bracket	Each .....	.45
22x32	" " " 23x32 " Double Side Wall Bracket	" .....	1.10
33x32	" " " 34x32 " Triple Side Wall Bracket, not shown	" .....	2.00
7x32	" " " 8x32 " Single Parallel Ear Ceiling Bracket	" .....	.50
No. 28V	Roller Bearing Hangers, state thickness of doors	Per pair.....	\$4.00

## FOR DOORS 2¾ TO 3" THICK AND WEIGHING UP TO 1000 LBS. EACH

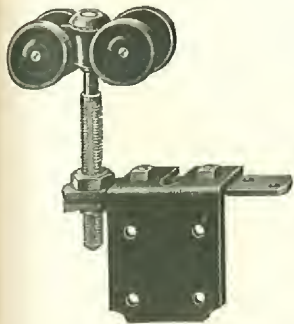
No. 33	Track 13 Gauge, lengths 4, 5, 6, 7 and 8	Per foot.....	\$ .70
No. 1x33	Open or No. 2x33 End, Single Side Wall Bracket	Each .....	.70
22x33	" " " 23x33 " Double Side Wall Bracket, not shown	" .....	2.00
7x33	" " " 8x33 " Single Parallel Ear Ceiling Bracket	" .....	.80
No. 150½B	Ball Bearing Hangers, state thickness of doors	Per pair.....	\$10.00

### Index of Miscellaneous hardware items for parallel doors.

No. 172-1	Double Run Floor Guide Open.....	Page 186	Flush Door Pulls.....	Page 88
172-2	Triple Run Floor Guide Open.....	" 186	Bar Door Pulls.....	" 88
272	Single Run Floor Guide End.....	" 186	Draw Tite Bolts.....	" 104
301-72	Bumper Shoes for door corner.....	" 186	Parallel Door Floor Bolts.....	" 104
	Chafing strip for face of door.....	" 186	Sliding Door Locks.....	" 65

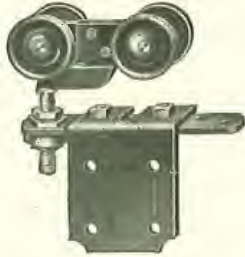


# RICHARDS-WILCOX "SLYDASYDE" ANGLE DOOR HANGERS

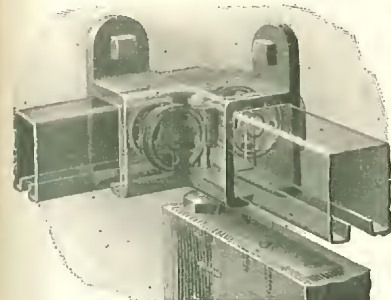


No. 235-11  
Used on rear  
end of door.

No. 235-1 is same with  
short pendant bolt.



No. 235-23  
Used on front  
ends of pairs  
of doors.

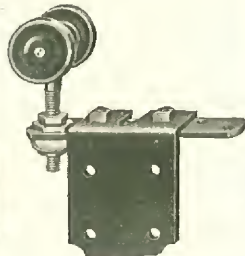


No. 235x31C Corner Bracket

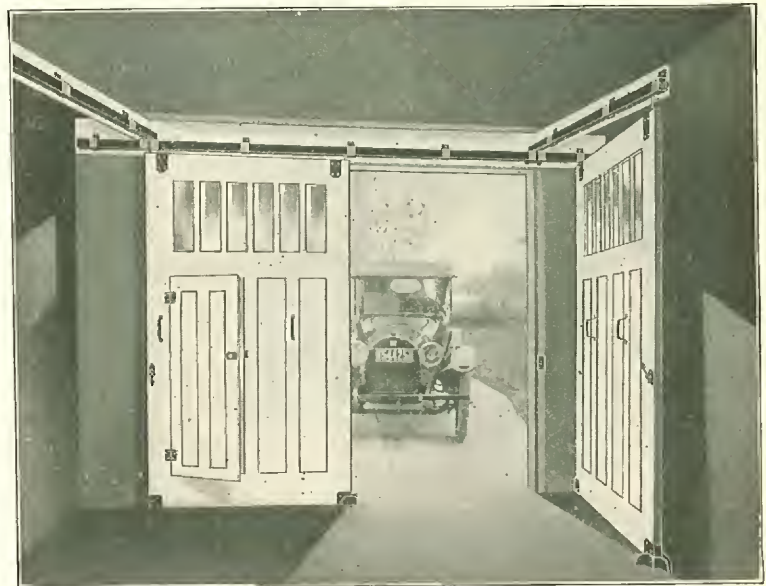
This bracket is used where the front and side track are at right angles and the width of the door or doors equal the length of the front track.

In the Angle Door arrangement the hanger on the front end of the door runs in the front track, and the hanger on back end of door runs in the side wall track.

Angle door equipment carried in stock for use with No. 31 track for doors weighing up to 300 lbs. Can be furnished from factory for No. 33 track, for doors up to 800 lbs.



No. 235-3 for  
Light Doors.



Interior view of garage door way having double doors equipped with "Slydasyde" Hardware. Note wicket entrance door. Also note use of slot bracket in front track to permit front end of door to go clear back to side wall when open, and rear end of door to fit tight against jamb when closed.



No. 235x31S Slot Bracket.

This slot bracket permits the long pendant bolt of hanger No. 235-11 on the rear end of door to pass half ways across the front track, thus making the door fit tight against jamb when closed.

## ANGLE DOOR HARDWARE

Track—Japanned—Page 175

No. 31—3, 4, 5, 6, 7, 8, 9, 10 foot lengths. Per foot.....\$.25

Brackets—Japanned—Page 174

No.	1x31	Side Wall	Open Single Bracket.....	Each
	2x31	"	End Single Bracket.....	.25
	235x31C	"	Corner Bracket.....	2.50
	235x31S	"	Slot Bracket.....	2.50
	12x31	"	Center Stop Bracket.....	1.00

Hangers With Ball Bearing Swivels.

No. 235-1	Four wheel, short pendant.....	\$2.50
235-11	" " long pendant.....	2.50
235-23	" " offset pendant.....	2.50
235-3	Two wheel, short pendant.....	2.50

Miscellaneous—Japanned.

No. 6	Bar Door Pull, Page 88.....	\$ .20
15	Flush Door Pull, Page 88.....	.40
271	Center floor guide, Page 186.....	1.00
272	End Stop Floor Guide, Page 186.....	1.00
435-72	Bumper Shoes, Page 186, Pair.....	.30
524-1	Cane Bolt 18", Page 103.....	1.00
396-1	Draw Tite Bolt, Page 104.....	1.75

Sliding Door Locks, see page 65.

Richards-Wilcox Garage Hardware catalogue will be sent on request.

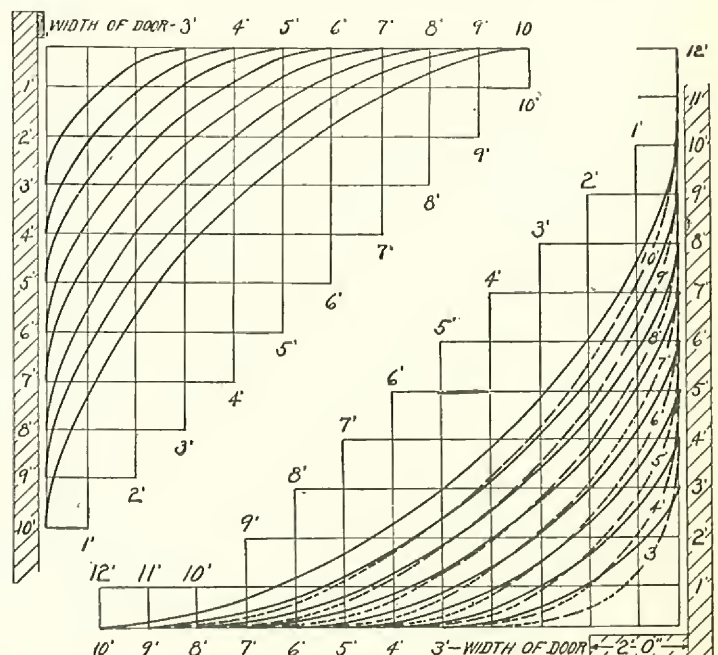
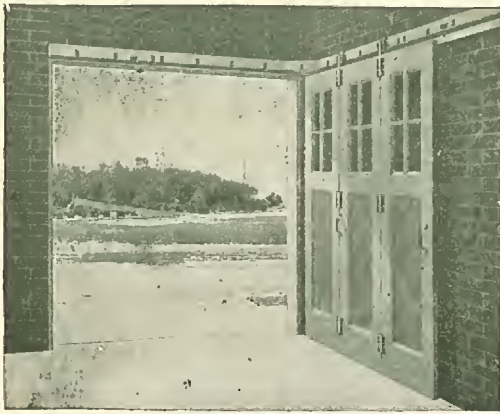


Diagram showing amount of clearance required for doors of various widths and with different jamb spaces when using "Slydasyde" Hangers.



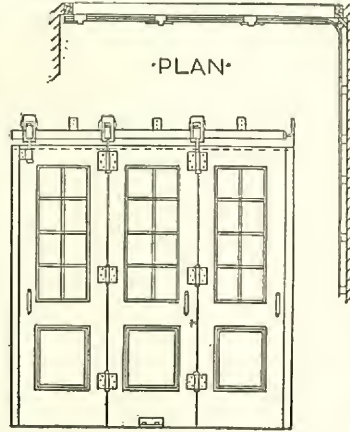
# McKINNEY AROUND THE CORNER GARAGE HARDWARE

## FLAT TRACK TYPE



No. 9023 Inside View.

Above is shown three doors hung on No. 9023 set. Doors are hinged together. Slide across the opening, then around the corner on a curved track and along the side wall. Doors are out of the way when open. It requires only 9 or 10" space between end of car and doors in order to open doors. Note the convenient swinging door for passage.



ELEVATION INTERIOR VIEW  
No. 9023

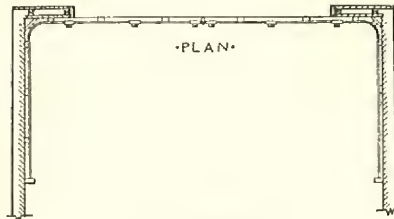


No. 9023 Outside View.



No. 9026 Inside View.

and along side walls. An 18" front wall space at each side of opening is absolutely necessary. There is no free swinging door with the 9026 set but if this is desired when using four doors the 9025 set (not illustrated) can be used provided there is sufficient space when the car is in the garage to swing the door around against the wall. No. 9025 set for four doors is the



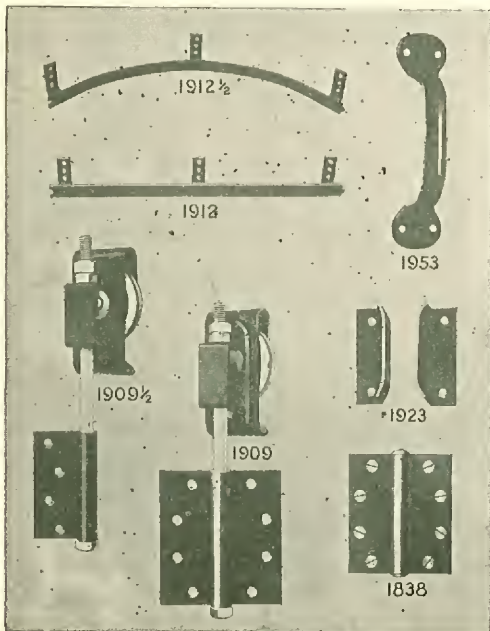
No. 9026 Plan

The No. 9026 set is for four doors hinged in pairs, one pair of doors sliding each way from the center of the opening around the corner on curved track, and with two additional pieces of track. The minimum head room over door way and along walls required for these hangers is 8 inches. Sets include all items of hardware necessary for installing the doors except the latch or lock.

All hardware is in Japanned finish and packed with screws in a strong wood case with directions for erecting.



No. 9026 Outside View.



Illustrations of parts included in sets.

### Contents and prices of sets.

	Set No.	9023	9025	9026
For Openings.....	Width	6 to 10 ft.	10 to 13 ft.	8 to 12 ft.
Description of Items.....	No.	Pieces	Pieces	Pieces
Hanger with full hinge.....	1909	2	2	2
Hanger with half hinge.....	1909 1/2	1	1	4
Straight Track 28" long.....	1912	8	10	11
Curved Track.....	1912 1/2	1	1	2
Tight Pin Butts 5x5.....	1838	4	7	4
Floor Guides.....	1923	1	1	1
Door Pull.....	1953	4	4	6
Price per set.....		\$9.50	\$10.00	\$20.00

For five and six door openings use 2 sets of No. 9023.

For seven door openings use one set of No. 9023 and one set of No. 9026.

For eight door openings use 2 sets of 9026.

### Price list of special parts in above sets.

No.	Hanger	Hanger	Track 28" Length	Track Curve
.....	1909	1909 1/2	1912	1912 1/2
Each .....	\$1.70	\$1.50	\$ .30	\$ .50



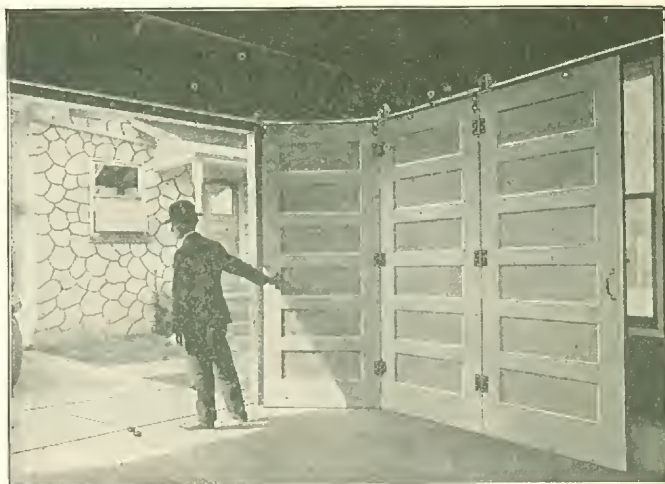
# RICHARDS-WILCOX AROUND THE CORNER GARAGE HARDWARE

## ROUND RUNNER

### No. 835

Contents of set for 8 ft. opening.

- 3 Hangers.
- 1—12" Track Curve.
- 8—24" Lengths. Track with brackets.
- 3 Pairs Hinges.
- 2 Stay Rollers.
- 1 End Floor Stop.
- 2 Bar Door Pulls.
- 1 Door Bolt, No. 128-1.
- Page 104.
- 2 Bumper Shoes.
- 1 Door Holder.
- Bolts and Screws.
- Directions.



Interior view of No. 835 hardware applied.

Detail illustration of hanger and track.

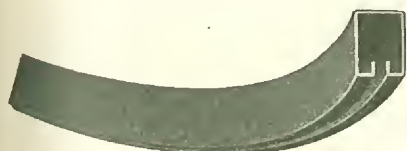
The track is the tubular type No. 243-1 shown on page 173.

For light or medium weight doors from 1 3/4" to 2 1/4" thick and not more than 40" wide. Doors run around the corner inside the garage, and stand out of the way along the side wall when open. Note the convenient swinging door for foot passage.

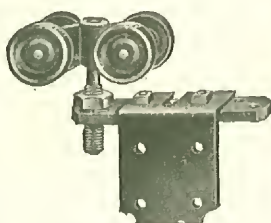
Packed in sets for 8 ft. and for 10 ft. openings. Complete hardware except the lock for three doors.

No. 835—8 ft. Three Door Hardware Japanned Finish, Per set.....	\$12.50
835—10 ft. Three Door Hardware, Two more Pcs. Track than 8 ft. set. Per set.....	14.00
Sets are packed in strong wood cases and weigh 55 and 60 lbs.	
No. 835 Hangers only with bolts, Each.....	\$ 1.75
835—12" Radius, 90 degree track curve with brackets, Each.....	2.75
835—24" Radius, 90 degree track curve with brackets, Each.....	4.50
835—24" Length straight track with brackets, Each.....	.50
243—1 Straight track in 6, 8 and 10 ft. lengths, Per foot.....	.22

## AROUND THE CORNER TROLLEY TRACK



Curved Trolley Track

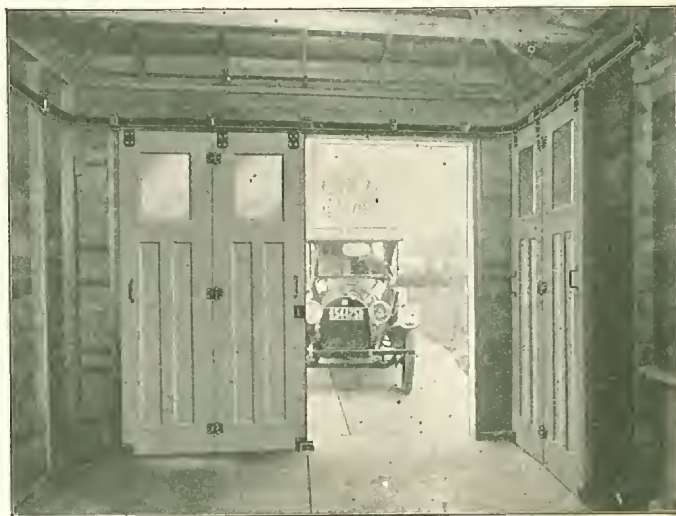


No. 235-5 KJ  
Knuckle  
Joint Hanger

Trolley Around the Corner Sets are made up to suit individual requirements.



Floor Plan of four door two pair arrangement illustrated at right.



Interior view, Four doors hinged in pairs. One pair of doors sliding each way from the center.

List of Parts—Japanned Finish.	
No. 31—24" Radius 90° trolley track curves, Each.....	\$6.00
31—30" Radius 90° trolley track curves, Each.....	7.50
31—36" Radius 90° trolley track curves, Each.....	9.00
31—Straight Trolley Track, Per foot.....	.25
1x31 Single Open Side Wall Bracket, Each.....	.25
2x31 Single End Side Wall Bracket, Each.....	.25
235-5KJ Four Wheel Hanger with knuckle jointed or hinged frame for use in curved track, Each.....	3.50
235-3 Two Wheel Hanger for use in curved track on corners of doors at center of opening where pairs of doors come together (See Page 177) Each.....	2.50

No. 31 Track shown on page 175. One hanger in a box.

Curved track in larger sizes for heavier doors can be furnished to order from factory.



# McKINNEY SLIDING FOLDING GARAGE HARDWARE SETS

Flat Track Type



Exterior View



Interior View

## No. 9017 Set

For 2 Door entrance 6 to 10 ft. wide. With Cremone Bolt inside which has outside locking handle.

Two equal sized doors are hinged together, and the pair to one of the side jambs. The doors will fold clear back against the front wall if space permits. The swivel hanger keeps the doors from dragging. This is a good way to rehang a pair of old hinged doors.

The special cremone bolt packed in this set permits operating the bolt from the outside and then locking with a padlock. The bolt adjusts from  $7\frac{1}{2}$  to 8 ft. The doors close into the frame tight against the stop. 8" headroom required. For a four door entrance use two sets. Doors can be hung outside or inside of the garage.

No. 9017 Hardware Japanned Finish, without padlock, otherwise complete with screws and directions. Packed in a strong wood box. Weight 48 lbs. Price per set.....\$9.00

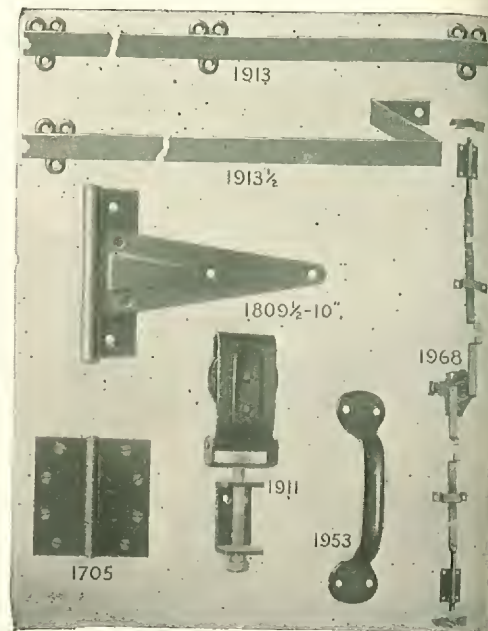


Illustration of Parts for 9017 Set

A set includes the following

- 1 Hanger, No. 1903
- 1 Pc. Track, 1913 1/2
- 4 Pcs. Track, 1913—28"
- 1 Pr. 10" Hinges, 1809 1/2
- 1 1/2 Prs. 5x5" Butts, 1705
- 1 Cremone Bolt, 1968
- 1 Door Pull, 1953

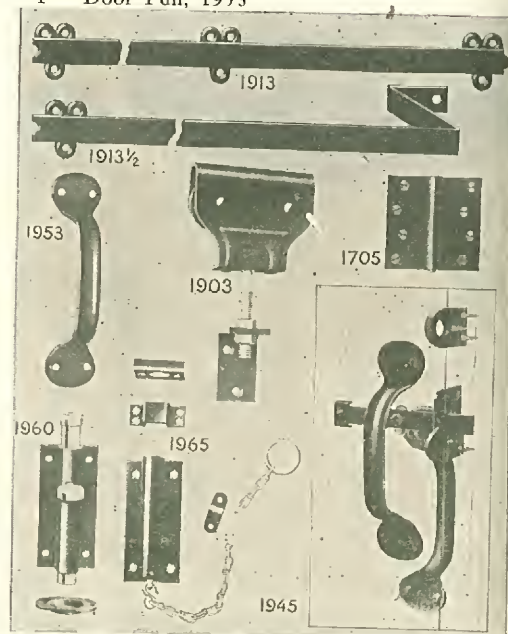


Illustration of Parts for No. 9012

A set includes the following

- 1 Hanger, No. 1903
  - 1 Pc. Track, 1913 1/2
  - 2 Pcs. Track, 1913—28"
  - 4 1/2 Prs. Butts, 1705—4x4"
  - 1 Chain Bolt, 1965—6"
  - 1 Foot Bolt, 1960—6"
  - 1 DuoGrip Latch, 1945, with padlock eyes.
- Complete McKinney Garage Hardware Catalogue sent on request.



Interior View



Exterior View

## No. 9012 Set

For 3 Door Entrance 6 to 9 ft. wide. Two equal sized doors are hinged together and the pair to one of the side jambs. The third door swings free on the other jamb and makes a convenient foot passage entrance. The swivel hanger guides the doors and keeps them from dragging.

Using three doors to the opening permits the use of stock doors and their comparatively narrow width oft times permits hanging the doors inside of the garage, which is a distinct advantage.

The doors close into the frame tight against the stop. 8" headroom required. If desired, all three doors can be hinged together and folded to one side. For five or six doors use two sets. Six doors will require an additional chain bolt and foot bolt.

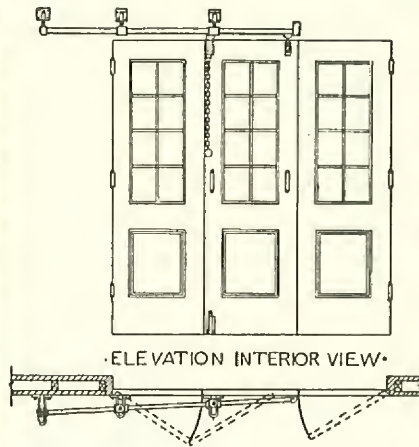
No. 9012 hardware Japanned finish without padlock, otherwise complete with screws, and directions packed in a strong wood box. Weight 27 lbs. Price per set.....\$8.50



## McKINNEY TROLLEY TRACK SLIDING FOLDING GARAGE HARDWARE



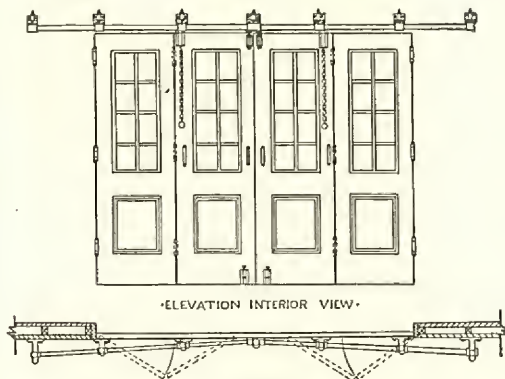
No. 9015 Exterior View



PLAN  
No. 9010 Set Erected



No. 9010 Exterior View



No. 9016 Set Erected

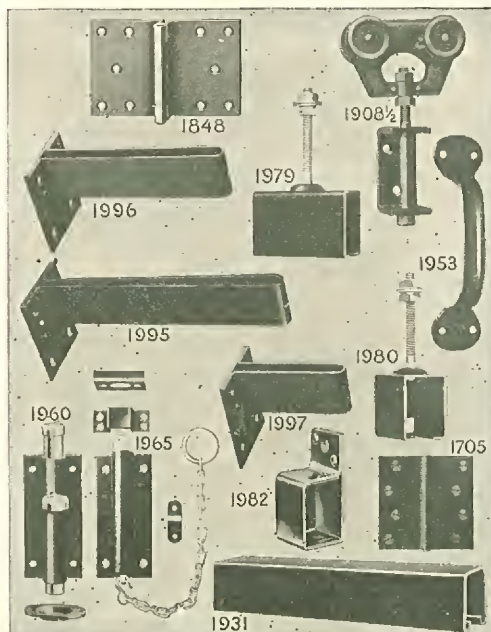


Illustration of Parts

Each set packed in a strong wood box with screws and directions for applying.

Complete McKinney Garage Hardware Catalogue on request.

The sets shown on this page slide and fold as do the sets described on the preceding page. The difference is in the track, track brackets and hangers. The sets shown on this page have the enclosed trolley track and track brackets, which adjust both laterally and vertically, and adjustable hangers with ball bearing swivel.

Doors can be hung to open inside or outside, but should be hung inside whenever there is enough clearance to allow doors to be opened with the car in the garage. The hangers and track will then be on the inside, the doors will be out of the weather when open and it will not be necessary to shovel away snow in order to open doors. Also the outside appearance is much better.

Use doors of equal size to fill the openings. Clearance required is about the width of one door. Headroom required is 8 inches.

No. 9010 Set for 3 doors for 6 to 9 ft. opening. Doors may all hinge together and fold to one side or be hung as illustrated above. Either way gives a foot passage door. Per Set.....\$11.00

No. 9011 Set for 2 doors, for openings up to 9 feet wide. Doors hinge together and fold to one side as does the No. 9017 set on opposite page. Set is packed with foot bolt, which must be put on outside unless there is some other entrance. Per Set.....\$10.00

No. 9015 Set for 4 doors for 8 to 12 ft. opening, shown above. Three doors to be hinged together and fold one way, and the other door hinged to opposite jamb. Foot passage door is had with this set. Per Set.....\$13.00

No. 9016 Set for 4 doors for 8 to 12 foot opening (see elevation and plan above). Two pairs of doors, one pair folding each way. A separate foot passage entrance is necessary, as this set can be locked from inside only. Per Set.....\$20.50

No. 9018 Set for 5 doors for 10 to 15 ft. opening. Three doors folding to one side and two doors to the other side. The middle door is the foot passage entrance. Per Set.....\$24.00

Contents of Sets.		Sets are without locks.				
No.	Description	No. 9010	9011	9015	9016	9018
1908	Two Wheel Hanger.....Pcs.	—	1	—	2	—
1908 1/2	Four Wheel Hanger.....	1	—	1	—	2
1995	Long Bracket Arm.....	1	1	1	2	2
1996	Medium Bracket Arm.....	1	2	1	2	2
1997	Short Bracket Arm.....	1	1	1	3	2
1979	Sleeve Bracket.....	2	3	2	5	4
1980	End Stop.....	1	1	1	2	2
1982	End Wall.....	1	1	1	—	2
1931	28" length track.....	3	4	3	6	6
1705	Tight Pin Butts.....Prs.	4 1/2	3	4 1/2	6	6
1848	Offset Hinges.....	—	—	1 1/2	—	1 1/2
1960	Foot Bolt.....Pcs.	1	1	2	2	2
1965	Chain Bolt.....	1	1	2	2	2
1953	Door Pull.....	3	2	4	4	4
1923	Floor Guide.....	—	1	—	—	—
Weight per set, boxed.....Lbs.		45	50	54	79	85

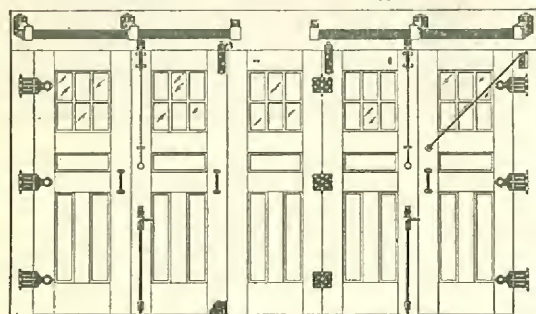


## RICHARDS-WILCOX No. 435 "SLIDETITE" HARDWARE

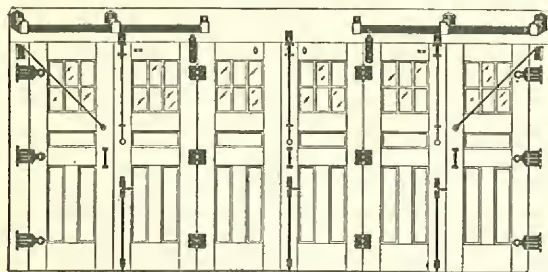
For 3, 4, 5 and 6 Doors



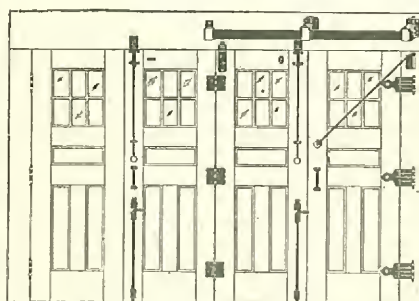
View of Five Door Garage



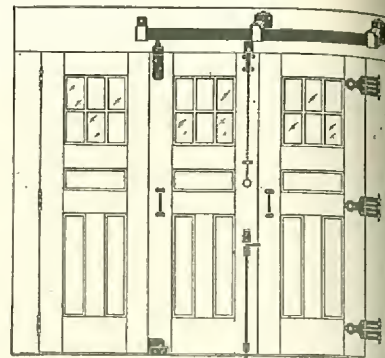
Five Door Set



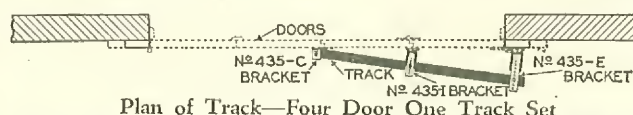
Six Door Set



Four Door One Track Set



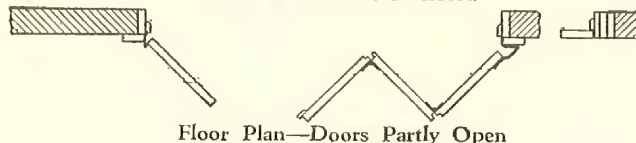
Three Door Set



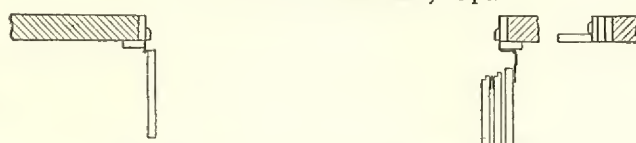
Plan of Track—Four Door One Track Set



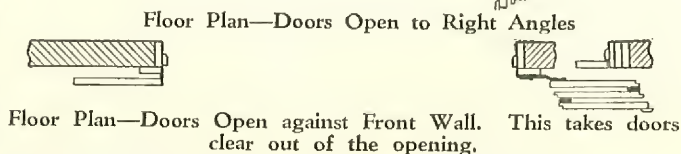
Floor Plan—Doors Closed



Floor Plan—Doors Partly Open



Floor Plan—Doors Open to Right Angles



Floor Plan—Doors Open against Front Wall. This takes doors clear out of the opening.

For illustrations of parts and directions for ordering see next page.

Slidetite meets the demand for a fixture that will allow hinged doors to fold and slide inside or outside of building, requiring only minimum space.

Doors fit perfectly tight, are weather proof, cannot sag, and will not warp.

Will stand at any angle or parallel with front walls, depending, however, upon the width of wall space adjoining the opening, and giving absolute clearance from jamb to jamb; see illustrations of floor plans.

Swing doors in if clearance will permit.

Slidetite gives a clear opening 8 ft. to 30 ft. wide.

Made in sets for 3, 4, 5, 6, 7, 8, 9 or 10 doors not over 3 ft. wide in one doorway.

Makes possible use of doors corresponding with the architecture of the residence with which the garage is associated.

No. 33 Brackets require 11 1/2" headroom

" 31 " " 8 1/4 " "

## EXTRA HEAVY SLIDETITE PARTS for No. 33 Track

No.	Description	Japanned
435-2	Hanger	Ea. \$5.00
33	Track	Per ft. .70
435x33C	Center Bracket	Ea. 1.50
1035x33I	Inter. " "	" 5.10
1035x33E	End " "	" 5.40
435x33DE	Double End " "	" 8.70
435x33DI	" Inter. " "	" 7.50
435x33J	Joint " "	" 9.90
435x33CC	Ceiling Clip " "	" .45

To make up sets use quantity charts on this and next page and specify items desired.



No. 435-1 and 435-2 Hanger

## QUANTITY AND PRICE CHART FOR SPECIAL SETS WITH No. 31 TRACK

For doors opening in. Parts are illustrated on page 183.

These sets have larger surface hinges than the sets regularly listed by the Richards-Wilcox Manufacturing Company.

No.	PARTS Japanned Finish	Each	3 Door Set					
			Only	Containing	Containing	Containing	Containing	Containing
435-1	Hanger	\$3.50	1	1	2	2	2	2
435x31C	Center Bracket	.30	1	1	2	2	2	2
1035x31I	Inter. Bracket	.70	1	1	2	2	2	2
1035x31E	End Bracket	1.00	1	1	2	2	2	2
31	Track	\$ .30	7	7	14	14	14	14
311	Throw Back Hinge	1.60	1 1/2	1 1/2	3	3	3	3
435	4x4 Butt Hinge	.60	1 1/2	1 1/2	0	0	0	0
435	5x7 Surface Hinge	1.40	1 1/2	3	3	4 1/2	6	6
514-1	6" Chain Bolt	.60	1	2	2	2	3	3
524-1	18" Cane Bolt	.90	1	2	2	2	3	3
271	Floor Guide	1.00	1	0	1	1	0	0
435-72	Bumper Shoes	.15	2	0	4	2	0	0
81-1	Door Pull	.20	2	2	4	3	3	3
435-2	Tie Rod	1.50	0	1	0	1	2	2
119	Door Holder	.30	0	1	0	1	2	2
Price Per Set			\$16.20	\$20.30	\$29.60	\$33.00	\$37.10	

For No. 1035 Hinges

In place of No. 311 add \$5.00 \$5.00 \$10.00 \$10.00 \$10.00

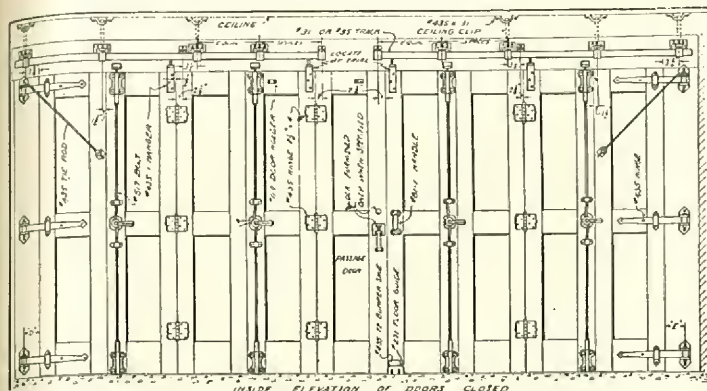
For No. 517 Cremona Bolt

In place of chain and Foot Bolt add per set \$4.00 \$8.00 \$8.00 \$8.00 \$12.00

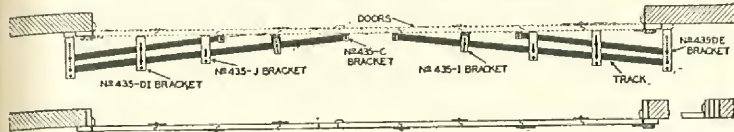
Each set packed in a strong wood box with bolts, screws, working plans and directions. Track separate.



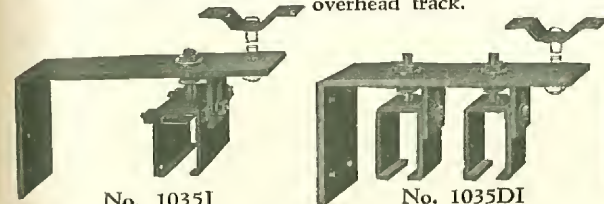
## RICHARDS-WILCOX No. 435 "SLIDETITE" HARDWARE FOR 7, 8, 9, AND 10 DOORS



No. 1035 Nine Door Set. Interior Elevation



Plan of Nine Door Set. Doors in several positions, also plan of overhead track.



No. 1035J

No. 1035DI

In ordering state whether doors open in or out, width and height of opening. Number of doors in opening and how divided. To what material would track brackets be attached. To what material would Jamb Hinges be attached. Please note the following:

No. 31 Brackets require  $8\frac{1}{4}$ " headroom  
33 " "  $11\frac{1}{2}$  " "

311 Hinges require 4" wall space from face of jamb.

If doors open out change  $1\frac{1}{2}$ " pair of No. 435 surface hinges to No. 836 offset hinges for each set of top and bottom bolts in the set and add 20c per pair.

Ceiling bolt lengths must be specified, and these bolts are extra.

If lock is desired it must be specified and is extra.

The length of each run of track equals the total width of doors it crosses plus approximately one foot.

Other suitable items for use with Slidetite Hardware may be found as follows:

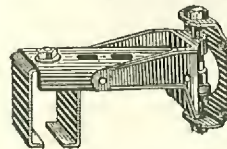
	Pages
Hinges .....	21 to 23
Handle Locks and Latches.....	60 to 62
Locks, only .....	65 to 69
Bolts .....	103



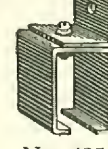
No. 1035 Nine Door Set. One Side Open



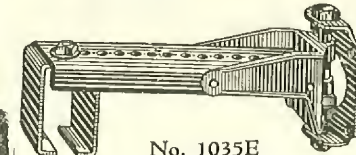
No. 1035 Hinge



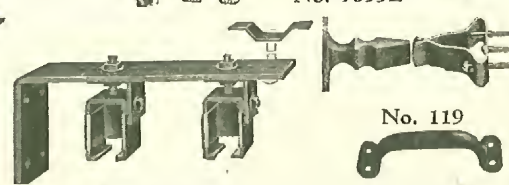
No. 435-I



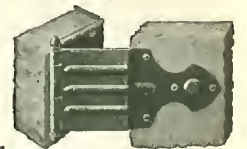
No. 435C



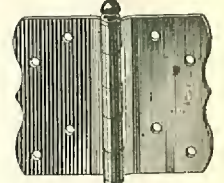
No. 1035E



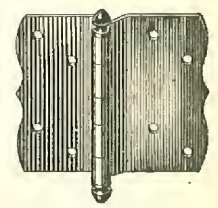
No. 119



No. 311



No. 435, 5x7



No. 836, 5x7

QUANTITY AND PRICE CHART FOR SPECIAL SETS  
WITH No. 31 TRACK

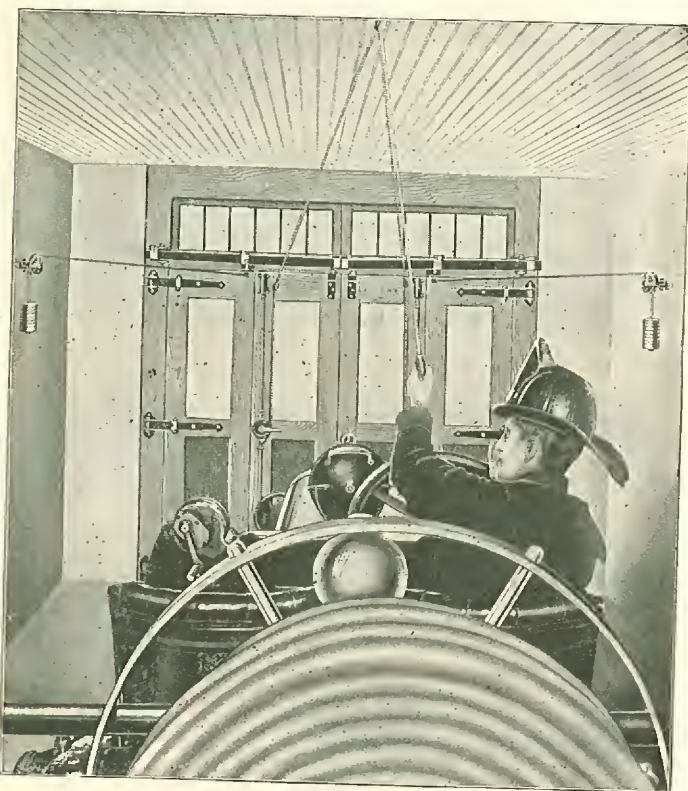
PARTS Illustrated Above Japanned Finish No.	Description	Each	Track				
			7 Door Set	8 Door Set	9 Door Set	10 Door Set	
435-1	Hanger .....	\$3.50	3	3	4	4	4
435x31C	Center Bracket .....	.30	3	3	4	4	4
435x31I	Inter. " .....	.70	2	2	2	2	2
1035x31E	End " .....	1.00	1	1	0	0	0
435x31DE	Double End .....	4.00	1	1	2	2	2
435x31DI	Dbl. Inter.....	3.80	1	1	2	2	2
435x31J	Joint .....	4.80	1	1	2	2	2
435x31CC	Ceiling Clip .....	.20	3	3	6	6	6
31	Track .....	Foot Feet \$ .30 27	27	40	40	40	
311	Throw Back Hinges...	Pair \$1.60 3	3	3	3	3	3
435-5x7	Surface Hinge...	Each Only 1.40 $7\frac{1}{2}$	9	9	10 $\frac{1}{2}$	12	
517	Cremone Bolt.....	3	4	4	4	5	
271	Floor Guide .....	1.00 1	0	1	1	0	
435-72	Bumper Shoes...	.15 2	0	4	2	0	
435-2	Tie Rod .....	1.50 2	2	2	2	2	
81-1	Door Pull .....	.20 1	0	2	1	0	
119	Door Holder.....	.30 1	2	0	1	2	

Price per set with No. 517  
Cremone bolt up to 9' high.....\$72.00 \$80.20 \$89.20 \$90.10 \$91.60  
Extra sections 18" long for No. 517 bolt, \$.80 each.  
For No. 1035, 30" hinge in place of No. 311 add \$10.00 per set.  
Each set packed in a strong wood box with screws, bolts, working plans and directions, track separate.



# RICHARDS-WILCOX SPECIAL HEAVY DOOR EQUIPMENT

No. 1335 FIRE STATION DOOR HARDWARE



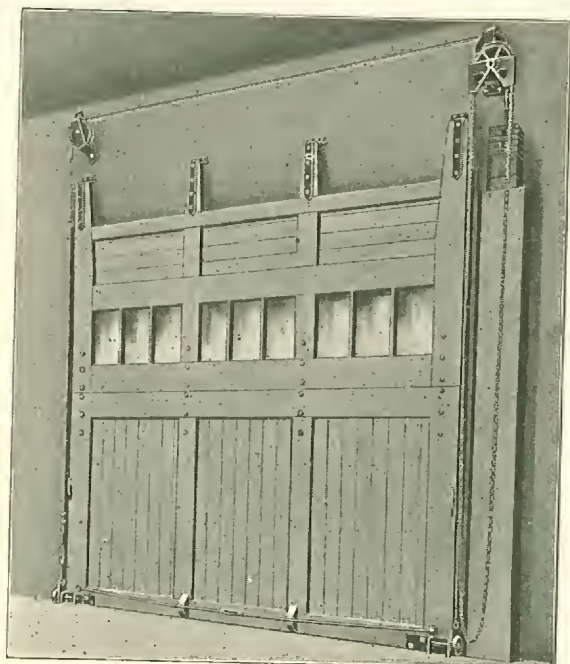
The driver pulls the cord located over his seat and the doors are released and slide and swing to open position. Write for price.

No. 434 RAILROAD TRACK DOOR HARDWARE



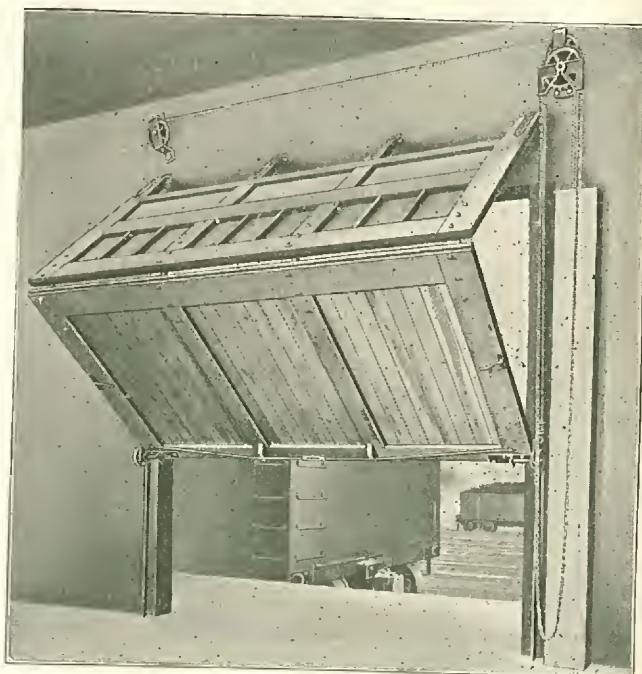
The best arrangement for Round House and shop track doors. Doors cannot be blown closed. For steel and wood doors. Ask for price.

No. 749 VERTICAL BI-FOLDING DOOR HARDWARE



No. 749 Closed

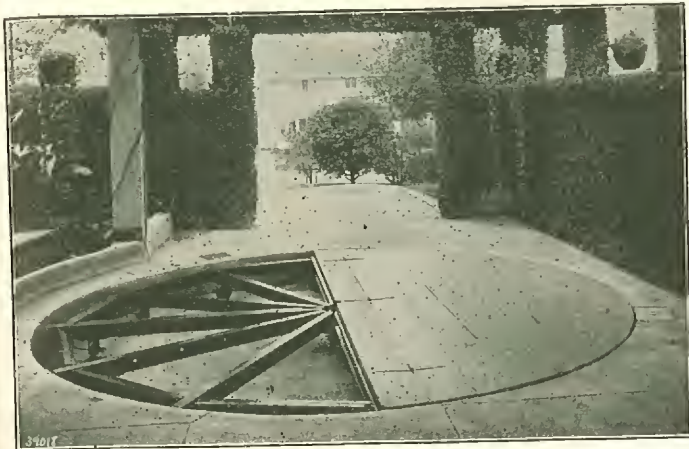
We can furnish several types of vertical Folding and Lift Door Hardware for use in such places as freight houses and warehouses. Detail blue prints furnished on request.



No. 749 Partly raised



## No. 463 RICHARDS-WILCOX AUTOMOBILE TURNTABLE



The construction of the R-W Pit Turntable makes it particularly suitable for public garages where a wide variety of cars approach the turntable from all directions.

### BALL BEARING

Diam. of Pit  $14\frac{1}{2}$  ft. Depth about 1 ft.

" " Wheels  $6\frac{1}{2}$  in.

" " Heavy Angle Steel Track 12 ft.

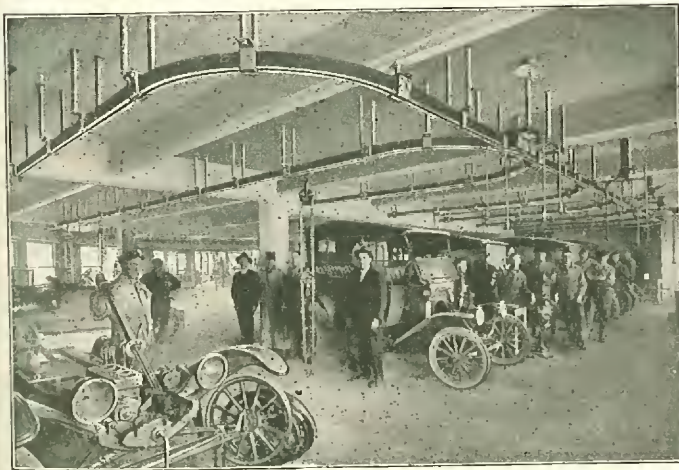
We furnish all steel and iron work with wood timbers to which the plank top or floor is secured by screws or spikes, but we do not furnish planking.

Shipping weight complete as above.

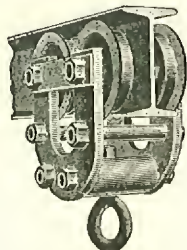
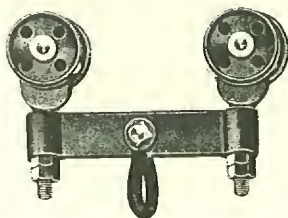
1000 lbs. Price.....\$450.00

Special sizes made to order. Plans showing installation details furnished with outfit. Shipped from Aurora, Ill.

## OVERWAY CARRYING SYSTEMS

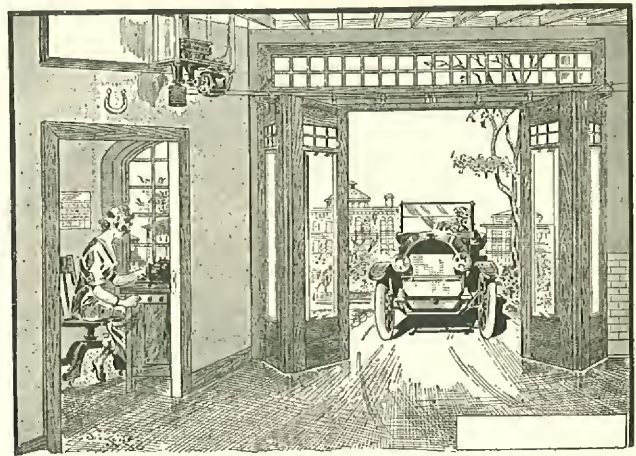


OVERWAY in a public garage. Used in a great many different industries for transporting materials about the plant.



Carriers of various capacities for both trolley and I beam track furnished to order. If interested write for OVERWAY catalogue.

## No. 1100 R-W STEWART ELECTRIC DOOR OPENER AND CLOSER



### As applied to No. 1035 R-W Sliding Folding Garage Door Outfit.

This device will save time, labor and expense in any building where the doors must be opened and closed a number of times a day. In public garages it can be operated by the stenographer or office clerk without interfering with their duties and avoids any possibility of keeping patron waiting.

The only mechanical door opener and closer on the market with which the complete opening or closing movement need not be completed in order to reverse.

The R-W Electric Door Opener and Closer consists of a driving unit, relay, limit switches, push button controllers, pulleys, sprockets, attachments to doors and the necessary driving cables or chains. The limit switches automatically shut off the current when the doors reach the maximum open or closed position. Three sets of push buttons are regularly furnished with each operator. Each set has three buttons, one to control the opening movement, one to control the closing movement and the third to stop the doors in any position. The control buttons can be placed at any point in the building. Will save money and heat, eliminate wasted time and give patrons prompt service. It is all above the door level and does not occupy any valuable space. It is furnished complete and can be installed by any electrician.

Can be arranged to operate almost any kind of a door. With No. 1035 R-W Sliding Folding Garage Door Outfit as shown above, it furnishes the most perfect garage door arrangement on the market.

Blue Prints furnished and price quoted on request.



## STAY OR GUIDE ROLLERS

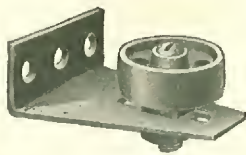
FOR SLIDING DOORS



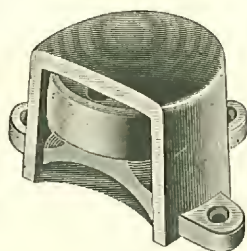
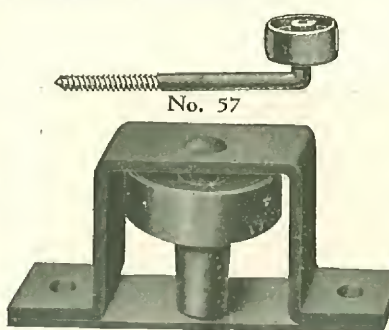
No. 55



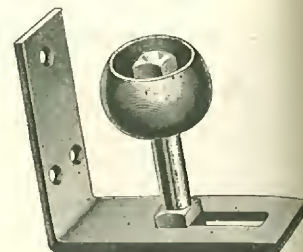
No. 5



No. 53

No. 151  
JAPANNED FINISH

No. 54



No. 68

No.	Type
55	Floor
57	Wall
5	Floor
53	Wall, Adjusts 1 1/2 to 2 1/2"
151	Floor
54	"
68	Wall, Adjusts up to 3"

Frame
7/8 x 6 Lag Screw
1 1/8 x 8 " "
Cast Iron
Wrought Steel
Cast Iron
Wrt. Steel Heavy
" " "

Roller
2 " Iron
2 " "
2 " "
2 " "
2 " "
2 1/2" "
2 1/2" "

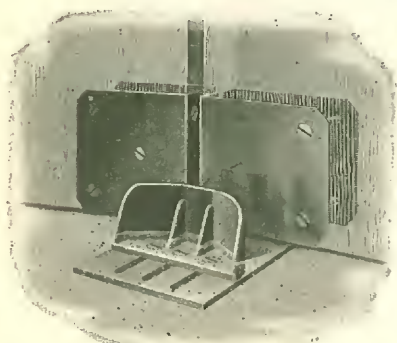
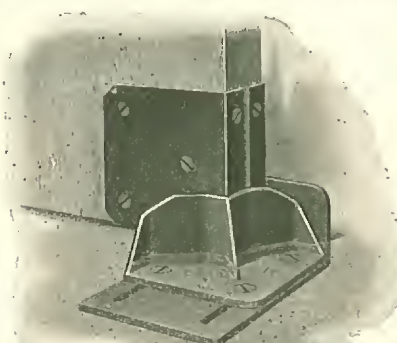
Each With Screws Only
\$2.20
.20
.20
.25
.50
.50
.65

Each With Screws & Exp. Shields
\$1.30
.30
.40
.45
.75
.85
.95

All in bulk.

## STATIONARY FLOOR GUIDES AND STOPS

FOR SLIDING DOORS

No. 271 Open Guide and  
No. 301-72 Bumper Shoes

No. 272 End Guide

No. 172-1 for 2 parallel doors  
172-2 " 3 " "No. 171  
Center Stop

No. 372

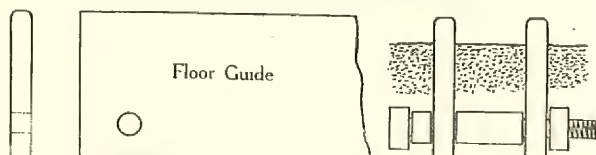
## FLOOR GUIDES—JAPANNED FINISH

No.	Type	For Doors	Thickness	Packed Bulk	Each
271	Open Guide	Single or Double	Adjustable	With Scs. and Shields	\$1.00
272	End "	Single	"	" " " "	1.90
172-1	Open "	Double Parallel	"	" " " "	2.00
172-2	" "	Triple	"	" " " "	3.35
171	2 " Center Stop Guide	Double	Rigid	" " " "	1.25
171	2 1/2" " " "	"	"	" " " "	1.35
171	3 " " " "	"	"	" " " "	1.50
372	1/4" thick x 6" long	Parallel and Flush	"	" " " "	.90

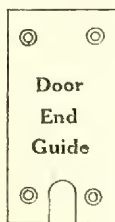
## BUMPER SHOES JAPANNED

No. 301-72 Wrought Steel. Use 2 on each lower corner of door. Without screws..... .15

## CONTINUOUS FLOOR GUIDE



Floor Guide

Door  
End  
Guide

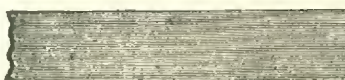
Made of 3x3/8" Flat Steel. Made for single, double or triple run doors. Sectional illustration shows double run guide set in concrete.

This guide will not bind the door. Bottom edge of door is plowed to receive doors. Guide serves as weather strip. In ordering give width of opening, number of runs and distance center to center of runs. Also number of doors in each opening.

Price on application.

## CHAFING STRIP FOR SLIDING DOORS

## DOOR BINDERS OR STOPS



No. 82

Wrought Steel, Japanned with screw holes					
1" wide half oval, 10 ft. strips, Per Piece	\$ .85				
1 1/2 x 1/8" Flat, 10 ft. strips, Per Piece	1.10				
DOOR BINDERS or STOPS for Sliding Doors.					
No. 82 Wrt. Steel Japanned.					
For Doors	1 3/4	2"	2 1/4"	2 1/2"	2 3/4"
With screws	\$ .40	\$ .40	\$ .40	\$ .50	\$ .50
With screws and shields	.65	.65	.65	.75	.75

Packed in bulk.

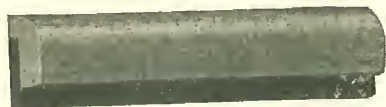


# WEATHER STRIP

CUTS FULL SIZE

ALL FELT

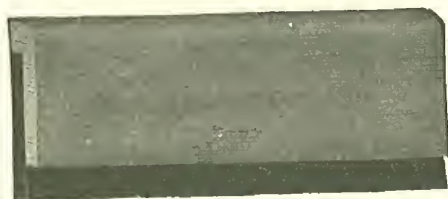
## WOOD AND FELT



No. 70 For upper sash of window. Per ft. \$ .04  
Width of moulding  $\frac{3}{8}$  inch  
12 ft. lengths, 500 ft. in a bundle.



No. 71 For lower sash of window. Per ft. \$ .04  
Width of moulding  $\frac{5}{8}$ "  
12 ft. lengths, 500 ft. in a bundle.



No. 71½ For sides and top of door. Per ft. \$ .06  
Width of moulding  $\frac{3}{4}$ "  
12 ft. lengths, 500 ft. in a bundle.



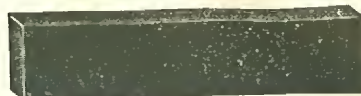
No. 74 For bottom of light door. Per ft. \$ .03  
Width of moulding 1"  
12 ft. lengths, 500 ft. in a bundle.



No. 75

Per ft.

Wood and Felt. Moulding  $1\frac{1}{4}$ " wide.  
No. 75 For bottom of heavy door. \$ .09  
Wood and Rubber. Moulding  $1\frac{3}{4}$ " wide.

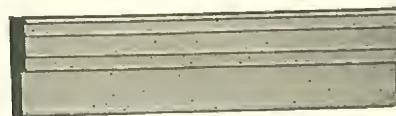


FELT  
STRIP

No.	Size	For	Per Ft.
118	$\frac{1}{8}$ x $\frac{1}{2}$ "	Windows	\$ .03
119	" x $\frac{5}{8}$ "	Side of doors	.03½
120	" x $\frac{3}{4}$ "	Bottom of doors	.04½
121	" x 1"	" " "	.06
122	" x $1\frac{1}{4}$ "	" " "	.08
123	" x $1\frac{1}{2}$ "	" " "	.09

Packed in boxes containing 25 ft. rolls.

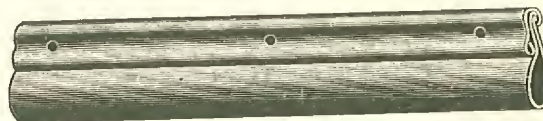
## SOLID RUBBER



No.	Width	For	Per Ft.
9	$\frac{1}{2}$ "	Windows	\$ .05
10	$\frac{3}{4}$ "	Sides of Doors	.06
11	1"	Bottom of Doors	.08

Packed in boxes containing 50 ft.

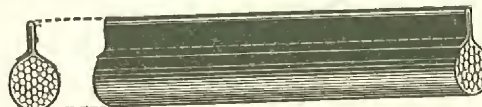
## ZINC AND RUBBER



No.	Width	For	Per Ft.
38	$\frac{1}{2}$ "	Windows	\$ .05
40	$\frac{3}{4}$ "	Doors	.06

Packed in boxes 16 inches square, containing 100 feet.

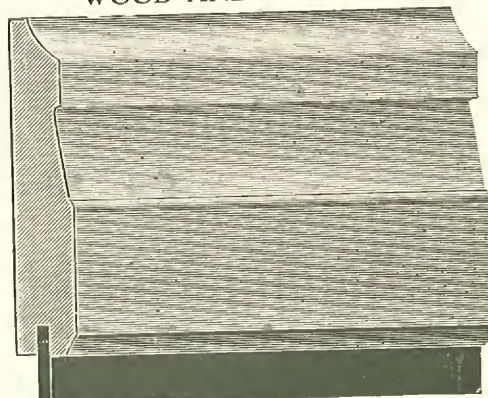
## RUBBER COVERED YARN INSERTED



No. 401 Small Size  
No. 411 Medium Size  
Mahogany Color

No.	Width	For	Package	Per Ft.
401	$\frac{1}{2}$ "	Windows	50 ft. boxes	\$ .10½
401	"	Windows	1000 " reels	.08½
411	$\frac{3}{4}$ "	Doors	50 " boxes	.11
411	"	Doors	1000 " reels	.09

## WOOD AND RUBBER



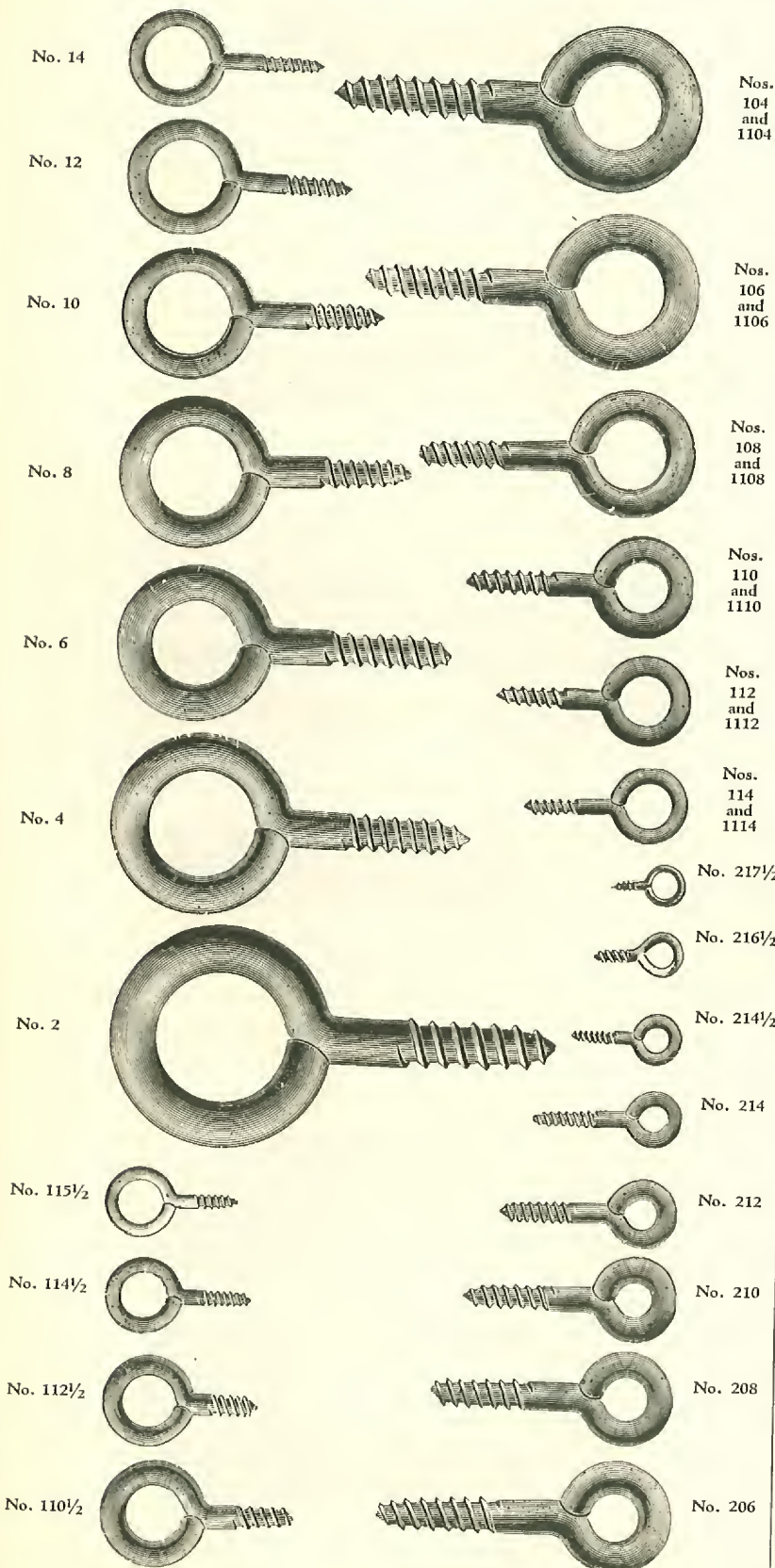
No. 7

No. 7 For bottom of heavy door. \$ .08  
12 ft. lengths, 250 ft. in a bundle.



Cuts Full Size Except Welded Screw Eye

## SCREW EYES

BRIGHT WIRE SCREW EYES  
Standard List Prices, Adopted May 15th, 1911

List price per gross

LARGE EYE Regular Shank			SMALL EYE Regular Shank		
No.	Length	List	No.	Length	List
000	3 7/8"	\$40.00	206	1 3/8"	\$4.50
00	3 7/16"	30.00	208	1 3/8"	3.30
0	2 7/8"	16.00	210	1 3/8"	2.50
1	2 13/16"	13.00	212	1 3/8"	1.70
2	2 5/8"	11.00	213	7/8"	1.50
3	2 1/8"	9.00	214	1 3/8"	1.50
4	2 3/8"	7.00			
5	2 1/8"	5.80			
6	1 13/16"	4.50			
7	1 13/16"	3.80			
8	1 3/8"	3.30			
9	1 3/8"	2.80			
10	1 3/8"	2.50			
12	1 1/8"	1.70			
14	1 1/8"	1.50			

MEDIUM EYE  
Regular Shank

No.	Length	List	SMALL EYE Short Shank		
104	2 1/8"	\$7.00	No.	Length	List
105	1 13/16"	5.80	214 1/2	1 1/8"	\$1.50
106	1 13/16"	4.50	216 1/2	1 1/8"	1.50
107	1 13/16"	3.80	217 1/2	1/2"	1.50
108	1 1/8"	3.30			
109	1 7/8"	2.80			
110	1 7/8"	2.50			
112	1 1/8"	1.70			
113	1"	1.50			
114	1 1/8"	1.50			

MEDIUM EYE BRASS  
Regular Shank

No.	Length	List
1106	1 13/16"	\$21.00
1107	1 13/16"	16.00
1108	1 13/16"	13.00
1109	1 7/8"	10.00
1110	1 7/8"	9.00
1112	1 1/8"	5.50
1113	1"	4.50
1114	1 1/8"	3.50

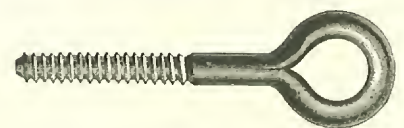
All are made of steel wire except Nos. 1106 to 1114 which are brass.

The gauge of the wire is indicated by the terminal figure or figures.

W. and M. gauge is used and is the same as the A. S. and W. gauge.

The lengths given are over all.

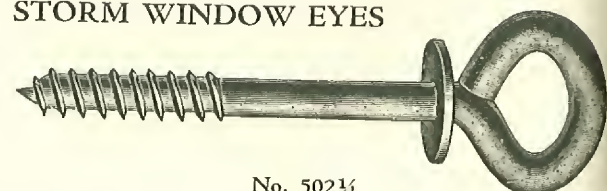
One gross in a box.

WELDED SCREW EYES  
CUT REDUCED SIZE

Length given is overall

No.	Size	Plain	Galvd.	1/8 x 1/4"	3/8 x 1/2"	1/2 x 3/4"	3/4 x 1"
No. 100	Plain	.10	.12	.17	.21	.25	.30
No. 102	Galvd.	.15	.18	.25	.30	.35	.40
Quantity in box		25	25	10	10	10	10

## STORM WINDOW EYES



No. 502 1/4

No.	Size	Plain	Galvd.	1/8 x 1/4"	3/8 x 1/2"	1/2 x 3/4"	3/4 x 1"
No. 502 1/4	Galvd.	.10	.12	.17	.21	.25	.30
Quantity in box		25	25	10	10	10	10

Measured under eye with washer

One gross in a box.



## RINGS

CUTS REDUCED SIZE

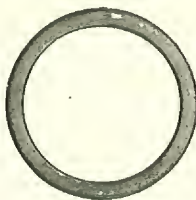
## SMALL SOLID BRASS RINGS—BRAZED



Inside diameter is given  
 Size .....  $\frac{3}{8}$ "  $\frac{1}{2}$ "  $\frac{5}{8}$ "  $\frac{3}{4}$ "  $\frac{7}{8}$ "  
 Each ..... \$.05 .05 .05 .06 .07  
 144 in a box.

## HARNESS RINGS

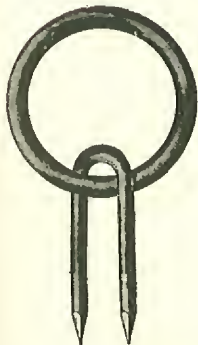
Malleable Iron  
 Japanned  
 Size Gauge Wire Each  
 $\frac{3}{4}$  9 \$.01 $\frac{1}{2}$   
 1 8 .02  
 $1\frac{1}{4}$  7 .02 $\frac{1}{2}$   
 144 in a box.



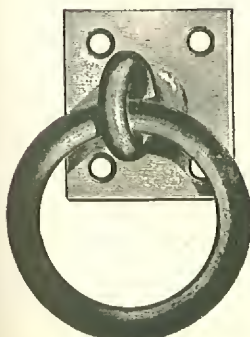
Wrought Steel  
 Plain  
 Size Dia. Wire Each  
 Inches Wire  
 $1\frac{1}{2}$   $\frac{1}{4}$  \$.05  
 $1\frac{3}{4}$  " .06  
 2 " .07  
 $2\frac{1}{4}$  " .08  
 $2\frac{1}{2}$  " .09  
 3 " .10  
 36 in a box.

SHUTTER RINGS WITH  
SCREW EYES

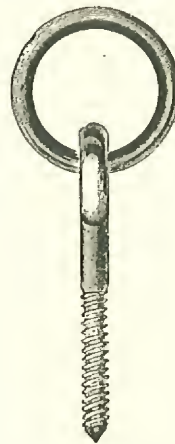
Retinned Wrought Steel No. 8 Wire  
 No. 30  $1\frac{1}{8}$ " Inside Diam. Ea.....\$.04  
 144 in a box.

RINGS WITH DRIVE  
STAPLES

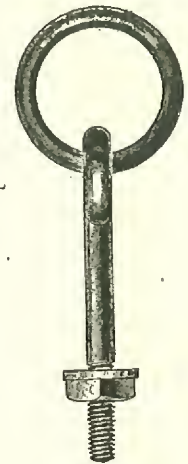
Wrought Steel  
 No. 157 Galvanized  
 Ring Diameter..... $2\frac{1}{4}$ "  $2\frac{1}{2}$ " 3"  
 Staple Length..... $2\frac{1}{4}$ "  $2\frac{1}{2}$ " 3"  
 Price one ring and  
 one staple ..... \$.10 \$.12 \$.15  
 36 in a box.

RINGS ON PLATES  
WROUGHT STEEL

Ring 2" inside diameter and  
 made of  $\frac{5}{8}$ " dia. rod.  
 Plate size  $1\frac{3}{4} \times 2$ " Each  
 No. 27 Galvanized.....\$.20  
 12 in a box without screws.

RINGS WITH  
SCREW EYESWROUGHT STEEL  
GALVANIZED

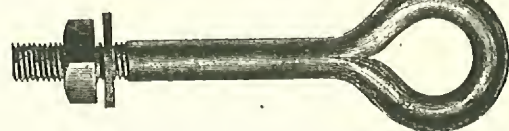
Nos. 7 and 117  
 No. Ring  
 7  $2\frac{1}{4} \times \frac{5}{16}$ "  
 117  $2\frac{1}{2} \times \frac{5}{16}$ "  
 67-4 2  $\times \frac{5}{16}$ "  
 67-6 2  $\times \frac{5}{16}$ "

RINGS WITH  
EYE BOLTS

No. 67

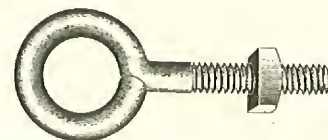
Shank Each  
 $\frac{5}{16}$ " ..... \$.15  
 $\frac{3}{8}$ " ..... .18  
 $4 \times \frac{3}{8}$ " ..... .25  
 $6 \times \frac{3}{8}$ " ..... .30  
 12 in a box.

## WELDED EYE BOLTS



Wrought Steel Galvanized  
 Length and Diameter..... $12 \times \frac{1}{2}$ "  $12 \times \frac{5}{8}$ "  
 Length of shank ..... 10  $\frac{9}{16}$ "  
 Inside diameter of Eye.....  $1\frac{1}{4}$ "  $1\frac{1}{4}$ "  
 Price each ..... \$.50 \$.70  
 In bulk.

## EYE BOLTS—NOT WELDED



Wrought Steel Galvanized  
 Length and Diameter of Shank Inside Dia. of Eye Each  
 $3\frac{1}{4} \times \frac{5}{16}$ " 2 "  $\frac{3}{4}$ " ..... \$.10  
 $4\frac{1}{2} \times \frac{5}{16}$ "  $3\frac{1}{4}$ "  $\frac{3}{4}$ " ..... .12  
 6  $\times \frac{3}{8}$ "  $4\frac{1}{4}$ " 1 " ..... .15  
 8  $\times \frac{3}{8}$ "  $6\frac{1}{4}$ " 1 " ..... .18  
 10  $\times \frac{3}{8}$ "  $8\frac{1}{4}$ " 1 " ..... .22  
 12  $\times \frac{3}{8}$ "  $10\frac{1}{4}$ " 1 " ..... .25  
 14  $\times \frac{3}{8}$ "  $12\frac{1}{4}$ " 1 " ..... .28  
 16  $\times \frac{3}{8}$ "  $14\frac{1}{4}$ " 1 " ..... .30  
 12 in a box.

## EYE BOLTS WITH WING NUTS

Galvanized  
Wrought SteelNot welded No. 4  
Wire about  $\frac{5}{16}$ " dia.

No. 241 $\frac{1}{2}$  Shank  $1\frac{1}{2}$ " long. Each.....\$.08  
 242 " 2" " " ..... .09  
 242 $\frac{1}{2}$  "  $2\frac{1}{2}$ " " " ..... .10  
 36 in a box.

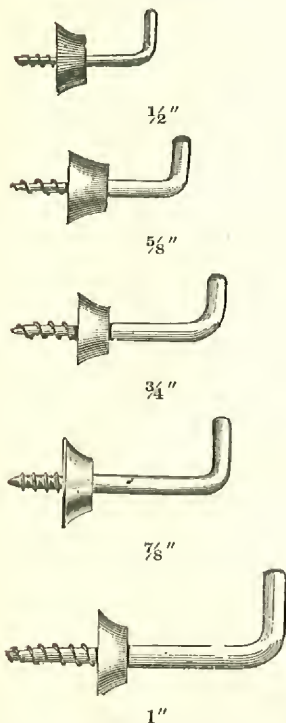


CUTS FULL SIZE EXCEPT No. 322

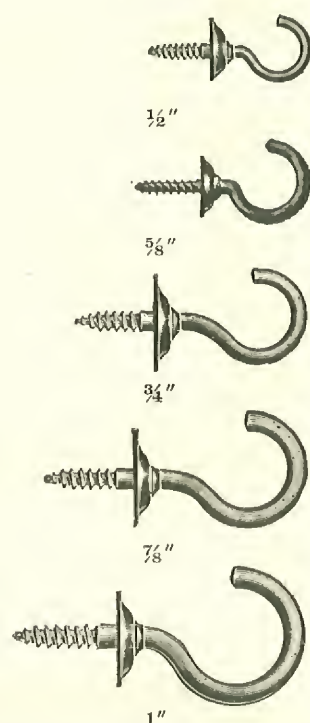
## BRASS WIRE SCREW HOOKS

With Base

No. 1412



No. 181



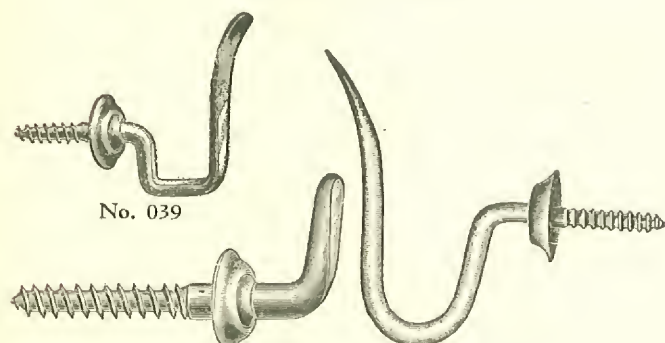
Nos. 1412 and 181 in corresponding sizes are made of same gauge wire and are same price.

## Standard List Prices

Projection	Gauge Wire	Dia. Base	List Gro.
1/2"	15	3/8"	\$ 3.75
5/8"	14	1/2"	3.85
3/4"	13	1/2"	4.00
7/8"	12	1/2"	4.50
1"	11	1/2"	5.25
1 1/4"	9	5/8"	9.00
1 1/2"	8	5/8"	11.00

One gross in a box.

## BRASS HOOKS



No. 0125

No. 654

## CUTS FULL SIZE

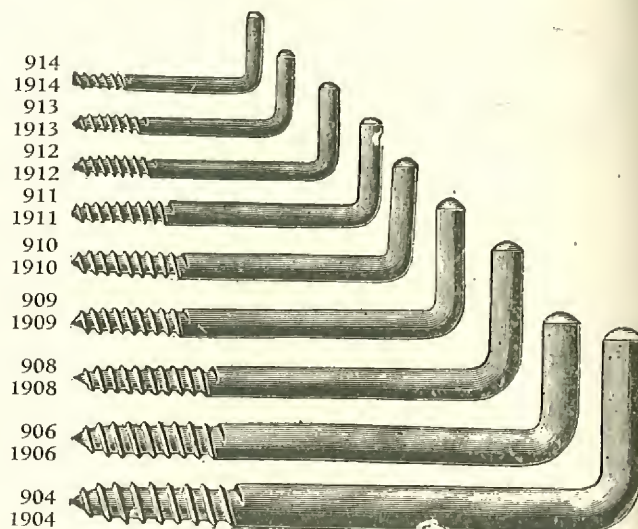
No. 0125	Picture	Hook	Each.....	\$.07
039	Tassel	"	Each.....	.10
654	Desk	"	Each.....	.07

Nos. 0146 and 039 packed 36 in a box.

No. 654 packed 72 in a box.

## BRIGHT WIRE SCREW HOOKS

Straight Pattern



## Standard List Prices

Adopted May 15th, 1911

## Steel Wire

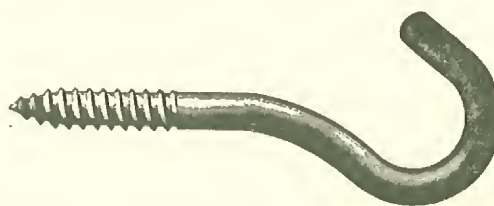
No.	Gauge Wire	Length	List Gro.
904	4	3 1/16"	\$10.00
905	5	2 7/8"	8.00
906	6	2 5/8"	6.00
908	8	2 1/4"	4.00
909	9	2 "	3.50
910	10	1 13/16"	3.00
911	11	1 9/16"	2.80
912	12	1 3/8"	2.50
913	13	1 3/16"	2.30
914	14	1 "	2.00

## Brass Wire

1908	8	2 1/4"	15.00
1909	9	2 "	12.00
1910	10	1 13/16"	10.00
1911	11	1 9/16"	8.00
1912	12	1 3/8"	6.50
1913	13	1 3/16"	5.00
1914	14	1 "	4.00

One gross in a box.

## WROUGHT SCREW HOOKS



No. 322

## No. 322 Galvanized Steel

Diameter of Steel.....	1/4"	5/16"	3/8"	7/16"	1/2"
Length over all.....	3 1/2"	4 1/4"	5 "	6 "	6 "
Price, Each.....	\$ .10	\$ .12	\$ .15	\$ .20	\$ .25

12 in a box.



# BRIGHT WIRE SCREW HOOKS

CUTS FULL SIZE

Nos.

600

602

604

606

608  
&  
1608

610  
&  
1610

612  
&  
1612

614  
&  
1614

Nos.

814

812

810

808

806

804

802

800

## BRIGHT WIRE SCREW HOOKS

Standard List Price Per Gross adopted March 15th, 1911

W. & M. Ga. of Wire.....	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Steel Wire</b>															
Nos.	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814
Length in.....	5	4 3/4	4 1/2	4 1/8	3 7/8	3 3/8	3 3/8	2 3/4	2 1/2	2 1/4	2	1 7/8	1 3/4	1 1/2	1 1/4
List per gross.....	\$21.00	\$18.00	\$15.00	\$12.50	\$10.00	\$8.00	\$6.00	\$4.50	\$4.00	\$3.50	\$3.00	\$2.80	\$2.50	\$2.30	\$2.00
Nos.	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614
Length in.....	2 3/4	2 3/4	2 3/8	2 3/8	2 1/4	2 1/8	2	1 3/4	1 3/4	1 3/4	1 1/2	1 3/8	1 3/8	1 1/8	1 1/8
List per gross.....	\$21.00	\$18.00	\$15.00	\$12.50	\$10.00	\$8.00	\$6.00	\$4.50	\$4.00	\$3.50	\$3.00	\$2.80	\$2.50	\$2.30	\$2.00
<b>Brass Wire</b>															
Nos.	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614
Length in.....	2 3/4	2 3/4	2 3/8	2 3/8	2 1/4	2 1/8	2	1 3/4	1 3/4	1 3/4	1 1/2	1 3/8	1 3/8	1 1/8	1 1/8
List per gross.....	\$125.00	\$105.00	\$85.00	\$65.00	\$45.00	\$37.00	\$30.00	\$21.00	\$15.00	\$12.00	\$10.00	\$8.00	\$6.50	\$5.00	\$4.00

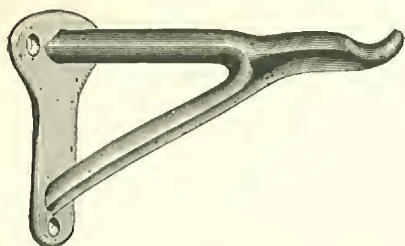
One gross in a box.



## WALL HOOKS

For Special Purposes  
CUTS REDUCED SIZE

## FIRE PAIL HOOK



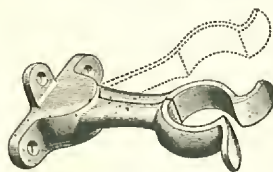
No. 150



No. 158

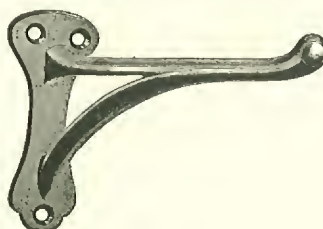
No.	For
150	Fire Pail
YT408	Show Case
YT 54	Umbrella
158	Harness
170	"
165	"
166	"
176	"
186	"

## UMBRELLA HOOK



No. YT 54

## HARNESS HOOKS



No. 170

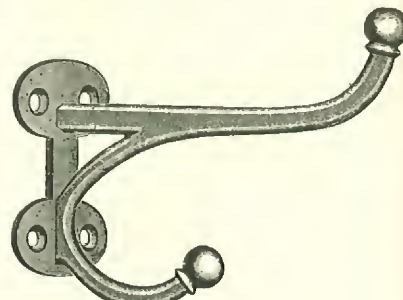
Metal	Finish	Projection
Cast Iron	Japanned	7 3/8"
" "	Bronze Plated	8 "
" "	" "	3 1/8"
" "	Japanned	5 3/4"
" "	"	7 1/2"
" "	"	6 1/4"
" "	"	8 "
" "	"	10 "
" "	"	12 "

Japanned, packed without screws.  
Bronze Plated, packed with screws.

## DISPLAY HOOK



No. YT 408



Nos. 165 to 186

Package	Each
Contains	
12	\$ .45
10	.40
10	.40
24	.20
12	.25
12	.25
12	.30
12	.45
12	.55



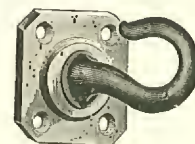
Nos. 8 and 28

No.	Finish
8	Japanned
28	Galvanized
16	Japanned
36	Galvanized

## CLOTHES LINE HOOKS

Cast Iron

Hook	Base	Each
2	2 3/8 x 1 "	\$ .10
2	2 3/8 x 1 "	.12
2	1 3/4 x 1 3/4 "	.12
2	1 3/4 x 1 3/4 "	.15

All without screws. Nos. 8 and 28 thirty-six in a box.  
Nos. 16 and 36, twenty-four in a box.

Nos. 16 and 36

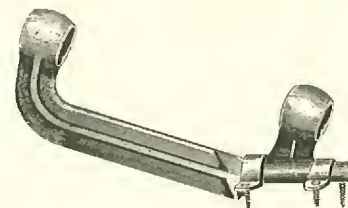
## FLAG POLE BRACKETS



No. 5



Nos. 13 to 16



Nos. 0 to 5

No.	Metal	Finish	Description	Each
32	Cast Iron	Galvanized	Cluster to hold five 1 1/2" poles	\$ .50
13	" "	"	To hold one 1 1/2" pole	.15
14	" "	"	" " " 5/8" "	.20
15	" "	"	" " " 3/4" "	.25
16	" "	"	" " " 1 "	.40
5	" "	"	" " " 1 1/8" "	.60
4	" "	"	" " " 1 1/4" "	.75
3	" "	"	" " " 1 1/2" "	.90
2	" "	"	" " " 1 3/8" "	1.00
1	" "	"	" " " 1 3/4" "	1.25
0	" "	"	" " " 2 "	1.65

In Bulk without screws.



WIRE AWNING HOOKS



Nos. 131 $\frac{1}{4}$  and 131 $\frac{1}{2}$

No.	Steel Wire	1 $\frac{1}{4}$ " long	Per Gro.
131 $\frac{1}{4}$	"	"	\$.75
131 $\frac{1}{2}$	"	1 $\frac{1}{2}$ "	.85

One gross in a box.

WROUGHT AWNING HOOKS



No. 60 Plain Steel

Length	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"
Per 100	\$1.20	\$1.60	\$3.20	\$3.70

100 in a box.

WROUGHT SIGN HOOKS



No. 80 Plain Steel

Length	4"	6"
Per 100	\$11.30	\$14.00

25 in a box.

MALLEABLE MANTLE LOOPS



No. 1 Plain Iron

Sometimes called Footman Loop  
No. 1 1" long inside. Per lb. \$3.35  
10 lb. in a box.

WROUGHT STAY NAILS

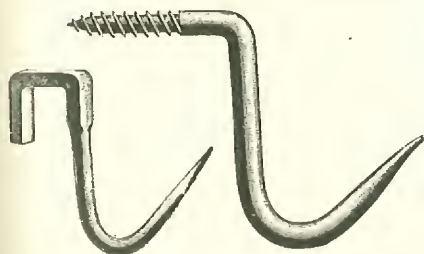


No. 1700 Plain Steel

Length	4"	6"	8"
Per 100	5.00	\$5.50	\$7.00

25 in a box.

WROUGHT MEAT HOOKS



No. 88

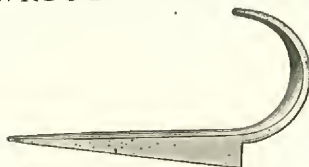
No. 23

Tinned Steel

No.	To hang on bar	1 $\frac{1}{2}$ " thick	Each
88	"	"	\$.15
23	To screw	"	.12

36 in a box.

ALL CUTS REDUCED SIZE  
WROUGHT PIPE HOOKS

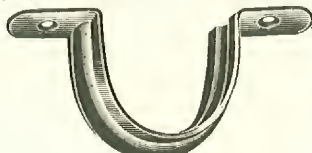


No. 65 Plain Steel

For Pipe	1 $\frac{1}{2}$ "	3 $\frac{1}{4}$ "
Per 100	\$10.00	\$12.50

100 in a box.

WROUGHT PIPE STRAPS

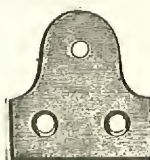


Tinned Steel

For Pipe	Number to lb.	Price Per lb.
3 $\frac{1}{8}$ "	25	\$.25
1 $\frac{1}{2}$ "	20	.25
3 $\frac{1}{4}$ "	15	.20
1 $\frac{1}{4}$ "	12	.20
1 $\frac{1}{4}$ "	10	.20

In bulk without screws.

STAMPED MIRROR PLATES

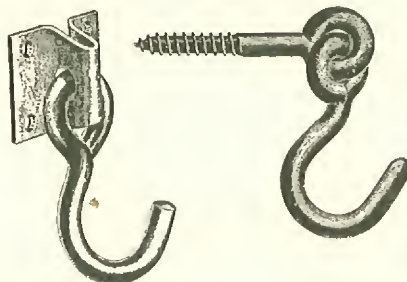


Nos. XO702 and XO704  
Wrought Steel Brass Pltd

No.	Size	Each
XO702	1 $\frac{1}{4}$ x1 $\frac{1}{4}$ "	\$.04
XO704	1 $\frac{3}{4}$ x1 $\frac{3}{4}$ "	.05

72 in a box with screws.

WROUGHT HAMMOCK HOOKS



No. 88

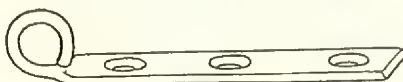
No. 48

Retinned Steel

No.	Hook	Description	Each
48	Hook	3 $\frac{1}{8}$ " Screw 3 $\frac{1}{8}$ "	\$.15
88	"	3 $\frac{1}{8}$ " Plate 1 $\frac{3}{4}$ x2"	.20

12 in a box. No. 88 without screws.

WROUGHT STRAP EARS

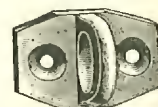


No. 1630 Plain Steel

Length	2 $\frac{1}{2}$ "	4"
Per 100	\$5.00	\$9.50

10 in a box.

STAPLES ON PLATES



Wrought Steel

Cast Brass

No.	Size	Each
No. 813 $\frac{1}{2}$	1 $\frac{1}{4}$ x1 $\frac{7}{8}$ "	\$.08
	1 $\frac{1}{2}$ x2"	\$.10
	2x2 $\frac{3}{4}$ "	\$.15

Cast Brass

No.	Size	Each
29	1 $\frac{1}{8}$ x7 $\frac{1}{8}$ "	\$.22
30	1 $\frac{1}{2}$ x1 $\frac{1}{8}$ "	\$.25

SNAPS

Flat Spring  
Snaps

Tinned  
Malleable Iron



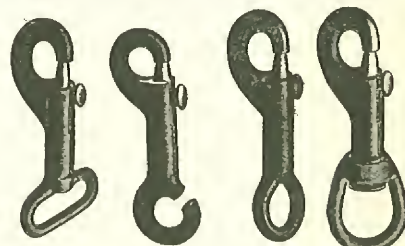
No. 340

No. 341

No.	Size	For	Each
340	5 $\frac{1}{8}$ "	Strap	\$.07
	3 $\frac{1}{4}$ "	"	.07
341	3 $\frac{1}{8}$ "	Rope	.07
*338	1 $\frac{1}{4}$ "	"	.10

\* No. 338 has open swivel eye.  
72 in a box.

COIL SPRING SLIDE SNAPS



No. 20

Nos. 520 and 48

No. 19

Nos. 50 and 5

No.	For	Eye	Each
20	3 $\frac{1}{4}$ " Strap	Solid Closed	\$.10
	1 $\frac{1}{4}$ "	"	.10
	1 $\frac{1}{2}$ "	"	.15
520	3 $\frac{1}{8}$ " Rope	" Open	.15
48	1 $\frac{1}{2}$ "	"	.20
19	3 $\frac{1}{4}$ "	" Closed	.15
50	5 $\frac{1}{8}$ "	" Swivel	.20
* 5	5 $\frac{1}{8}$ "	" Solid Open	.50

\* No. 5 is extra heavy 5 $\frac{1}{2}$ " long.  
36 in a box.

TRACE SNAPS DOUBLE END



No. 511 and S-48

No.	Eyes	Each
511	1 $\frac{1}{2}$ "	\$.25
*S-48	1 $\frac{1}{2}$ "	.30

\* One Side Locks  
36 in a box.



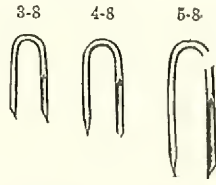
## CUTS FULL SIZE

## STAPLES

DOUBLE POINTED  
TACKS

Length.....  $\frac{7}{8}$ "  $\frac{5}{8}$ "  $\frac{3}{8}$ "  
 Tinned Steel Flat Wire  
 $\frac{1}{8}$  lb. Papers.  
 Price on application  
 Twelve papers in a package.

## BLIND STAPLES



Lengths  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ "  
 Coppered Steel 18 Ga. Rd. Wire  
 Price on application  
 10 lb. bulk boxes.

## WIRE CLOTH STAPLES

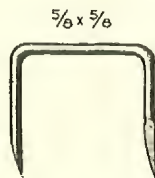
For Screen Windows and Doors

No. 5



7-32 x 3-8 18 Ga.  
 Holds better than a tack and is re-  
 moved with less damage to the frame.  
 No. 5 Tinned Wire Cloth Staples  
 $\frac{1}{8}$  lb. Papers.  
 Price on application  
 12 Papers in a box.

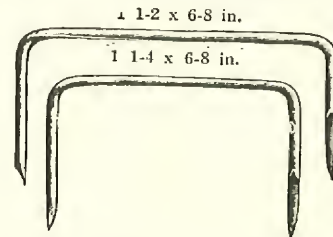
## HOOP STAPLES



Coppered Steel Flat Wire  
 Size— $\frac{5}{8}$ x $\frac{5}{8}$ "  $\frac{3}{4}$ x $\frac{3}{4}$ "  
 Per lb.—Price on application.  
 10-lb. bulk boxes.

Less quantity can be furnished.

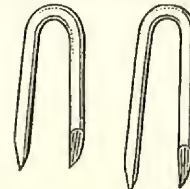
## CLAMP STAPLES



Coppered Steel Flat Wire  
 Size— $1\frac{1}{4}$ x $\frac{3}{4}$ "  $1\frac{1}{2}$ x $\frac{3}{4}$ "  
 Per lb.—Price on application.  
 10 lb. bulk boxes.

Less quantity can be furnished.

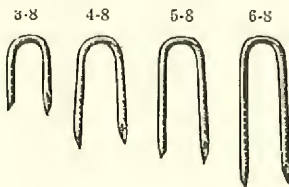
## POULTRY NETTING STAPLES



Galvanized Steel 14 Ga. Round Wire  
 Length— $\frac{3}{4}$ "  $\frac{7}{8}$ "  
 Per lb.—Price on application

Packed in 1 lb and  $\frac{1}{2}$  lb. packages.

## ELECTRICIANS STAPLES



Coppered Steel Flat Wire  
 Length— $\frac{3}{8}$ "  $\frac{1}{2}$ "  $\frac{5}{8}$ "  $\frac{3}{4}$ "

Per lb.—Price on application  
 10-lb. bulk boxes.

Less quantity can be furnished.

## WROUGHT STAPLES

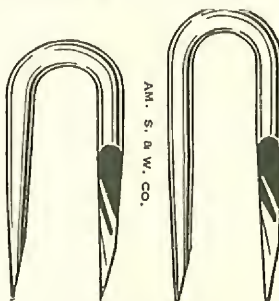
No. 849

Bright Steel



Length	List Per Gross
1"	\$1.20
$1\frac{1}{4}$ "	1.20
$1\frac{1}{2}$ "	1.25
2"	1.70
$2\frac{1}{2}$ "	2.35
3"	3.20
$3\frac{1}{2}$ "	3.70
4"	5.25

1" to  $2\frac{1}{2}$ " one gross in a box.  
 3" to 4" half gross in a box.



Galvanized Steel

Gauge	No. in lb.	Package
12	200	1 lb. Paper
9	87	100 lb. Keg
9	72	100 lb. Keg

Price per lb. on application.

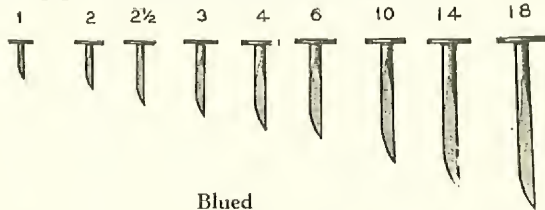
Staples furnished in bulk, kegs or boxes to order.



# TACKS

CUTS FULL SIZE

## CUT UPHOLSTERS TACKS



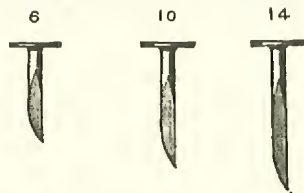
Length	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
$\frac{1}{8}$ -lb. Pas.	\$ .10	\$ .10	\$ .10	\$ .10	\$ .10	\$ .10	\$ .10	\$ .10	\$ .10
$\frac{1}{4}$ " "						\$ .10	\$ .10	\$ .10	\$ .10

$\frac{1}{8}$  and  $\frac{1}{4}$  lb. papers, twelve in a package

Tinned

1 lb. Papers No. 3 (for fly screens) Per lb.

## CUT CARPET TACKS



Note:  $\frac{9}{16}$ " old No. 8 not illustrated.

Blued

Length	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
$\frac{1}{4}$ -lb. Papers	\$ .10	\$ .10	\$ .10	\$ .10

Twelve papers in a package.



## METALENE HEAD UPHOLSTERING NAILS

Illustration is actual size.

No.	210	210x7	Black	Tan	Per Paper of 50
					\$ .15
					.15

Also packed 1000 in a box.

## BRASS HEAD UPHOLSTERS NAILS



No.	43	42	41	54	52	
Dia. Head	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{3}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "
Length	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{2}$ "
Per						
100 Nails	\$ .25	\$ .25	\$ .30	\$ .35	\$ 1.25	\$ 1.50

Packed 50 in a box, 1000 in a carton.

## MOORE PUSHLESS HANGERS



No. 24



No. 25



No. 27



No. 28

No.	24	25	27	28	Holds	10 lb.	Pkg.	of ten	\$ .10
								six	.10
								three	.10
								two	.10

Nickel Plated

## CUT GIMP TACKS



Blued  
Length  
 $\frac{1}{8}$ -lb. Pas.

$\frac{7}{16}$ "  
\$ .10

$\frac{1}{2}$ "  
\$ .10

$\frac{9}{16}$ "  
\$ .10

12 Papers in a package.

## BILL POSTERS WIRE TACKS



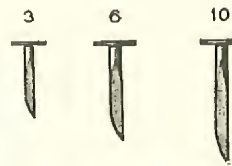
## BILL POSTERS WIRE TACKS

Blued

No.	3	6	10	14
Length	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Per lb.	\$ .30	\$ .30	\$ .30	\$ .30

Packed in one pound papers.

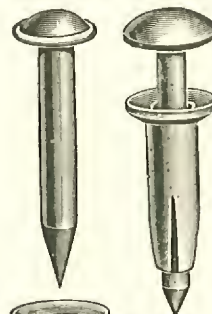
## CUT COPPER TACKS



No.	3	6	10	14
Length	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Per lb.	\$ .60	\$ .60	\$ .60	\$ .60

Packed in 1 lb. papers.

## CARPET PINS



No. 510

No. 519

## RUG FASTENERS

No. 519 "New Sultan" is invisible and flattest made. Each.....\$ .10  
Packed 12 in a paper, 144 in a box.

## CARPET PINS

Brass Headed Steel Pins, Brass Sockets  
No. 510 For Wood Floor. Each.....\$ .05  
No. 12 For Concrete Floor. Each.....\$ .05  
144 in a box.

## THUMB TACKS



No. 32



No. 62



No. 52

Heads  $\frac{7}{16}$ " diameter

12 on a block or 100 in a box.

No. 32	Brass Lacquered, Per 100.....	\$1.50
No. 62	White Celluloid, " ".....	1.50
No. 52	Nickel Steel, " ".....	.75

## MOORE GLASS PUSH PINS



No. 1



No. 2

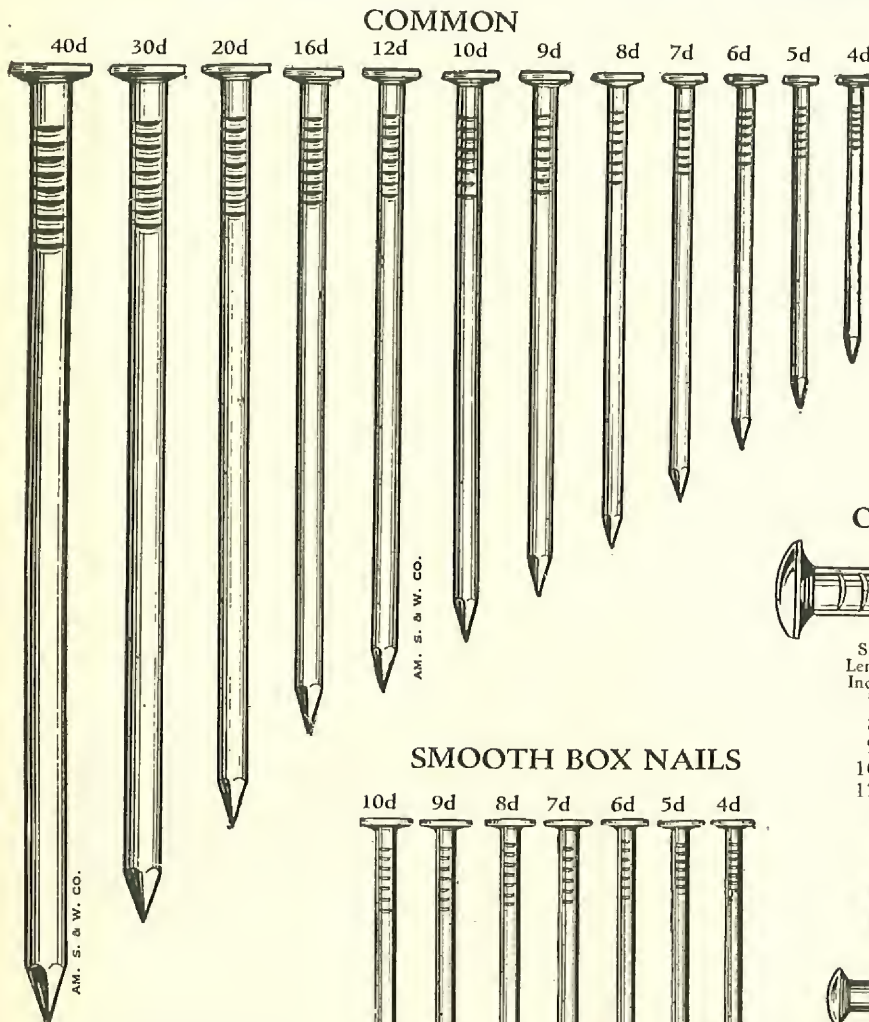
6 Pins in a package.  
No. 1 Per Package.....\$ .10  
No. 2 " ".....\$ .10



CUTS FULL SIZE

## WIRE NAILS

100 LB. KEGS

GALVANIZED  
COMMON WIRE  
NAILS

Sizes carried  
4d, 6d, 8d and 20d  
Price on application

COPPER COMMON  
WIRE NAILS

All sizes furnished on short  
notice.  
In asking for price state quan-  
tity of each size required.

## SMOOTH BOX NAILS

Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
4d	1 1/2	14	473	\$1.05
5d	1 3/4	14	406	1.00
6d	2	12 1/2	236	.70
7d	2 1/4	12 1/2	210	.65
8d	2 1/2	11 1/2	145	.45
10d	3	10 1/2	94	.30

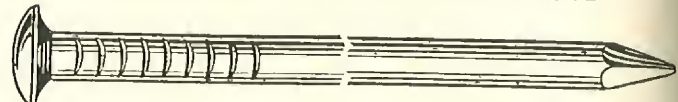
## BARBED BOX NAILS

6d is only size carried in stock.  
All sizes advance 25c per keg over smooth.

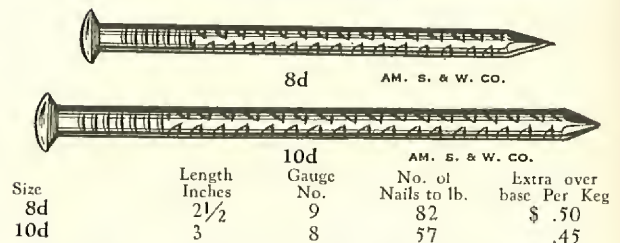
## COMMON

## COMMON

Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
2d	1	15	876	\$1.45
3d	1 1/4	14	566	1.15
4d	1 1/2	12 1/2	316	.80
5d	1 3/4	12 1/2	271	.75
6d	2	11 1/2	181	.60
7d	2 1/4	11 1/2	161	.55
8d	2 1/2	10 1/4	106	.30
9d	2 3/4	10 1/4	96	.30
10d	3	9	69	.20
12d	3 1/4	9	63	.15
16d	3 1/2	8	49	.10
20d	4	6	31	Base
30d	4 1/2	5	24	"
40d	5	4	18	"
50d	5 1/2	3	14	"
60	6	2	11	"

WIRE SPIKES  
OVAL HEAD—DIAMOND POINT

Size Length Inches	Thickness Inches	Dia. of Head	Number of Nails to lb.	Extra over base Per Keg
7	5/16"	7	5/8"	\$ .10
8	3/8"	4	3/4"	.10
9	3/8"	3 1/2	3/4"	.10
10	3/8"	3	3/4"	.25
12	3/8"	2 1/2	3/4"	.25

LIGHT OVAL HEAD BARBED  
CAR NAILS

## CEMENT COATED WIRE NAILS

Note: Packed in 100 lb. kegs.

## Sinkers

Size	Length Inches	Gauge No.	No. of Nails in Keg	Extra over base Per Keg
4d	1 3/8	14	48800	\$1.20
5d	1 5/8	13 1/2	36400	.95
6d	1 7/8	13	27500	.80
7d	2 1/8	12 1/2	21200	.70
8d	2 3/8	11 1/2	14200	.50
10d	2 7/8	11	10400	.40

## COATED SMOOTH BOX NAILS

Size	Length Inches	Gauge No.	No. of Nails in Keg	Extra over base Per Keg
3d	1 1/8	16	95000	\$1.80
4d	1 3/8	15 1/2	71000	1.50
5d	1 5/8	15	53600	1.30
6d	1 7/8	13 1/2	30600	.90
7d	2 1/8	13 1/2	26800	.80
8d	2 3/8	12 1/2	18600	.65

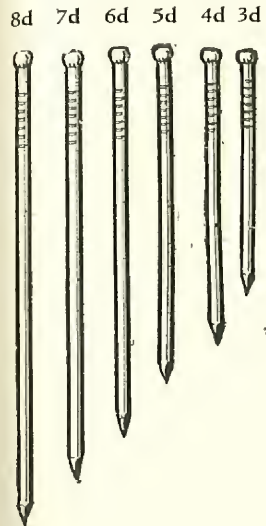


## WIRE NAILS

100 pound kegs.

CUTS FULL SIZE

## FINISHING NAILS



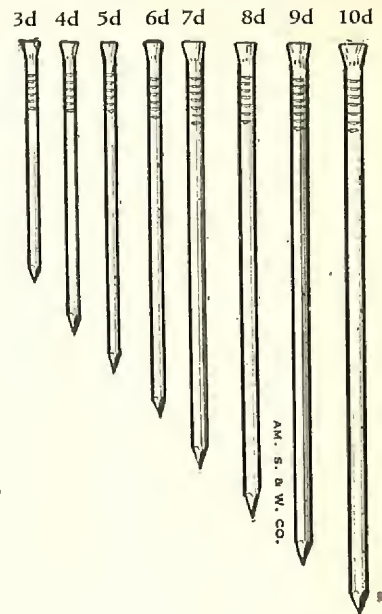
Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
2d	1	16½	1351	\$2.00
3d	1¼	15½	807	1.55
4d	1½	15	584	1.25
5d	1¾	15	500	1.20
6d	2	13	309	1.00
7d	2¼	13	231	.70
8d	2½	12½	189	.60
10d	3	11½	121	.45
12d	3¼	11½	113	.40
16d	3½	11	90	.25
20d	4	10	62	.15

## FINISHING NAILS

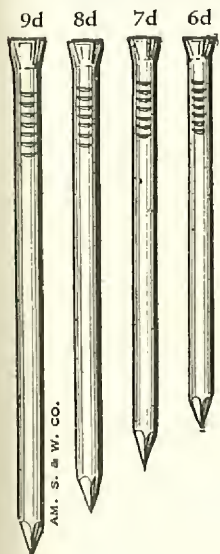
## CASING NAILS

Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
4d	1½	14	473	\$1.10
5d	1¾	14	406	1.05
6d	2	12½	236	.75
7d	2¼	12½	210	.70
8d	2½	11½	145	.50
10d	3	10½	94	.35
16d	3½	10	71	.20
20d	4	9	52	.10

## CASING NAILS



## FLOORING NAILS



## CLINCH NAILS



## STANDARD WIRE NAIL CARD

Adopted August 1920—Revised, March 1923

Standard Wire Nails in 100 Pound Kegs, Extras Per Keg.

Common Wire Nails		Casing Nails		Clinch Nails		Fine Nails	
				Bright			
2d	\$1.45	2d	\$1.70	2d	\$1.55	2d	\$2.20
3d	1.15	3d	1.35	3d	1.15	3d	1.60
4d	.80	4d	1.10	4d	.95	4d	1.30
5d	.75	5d	1.05	5d	.90	2d extra fine	2.20
6d	.60	6d	.75	6d	.75	3d " "	1.80
7d	.55	7d	.70	7d	.70		
8d	.30	8d	.50	8d	.55	Sterilized Blued Lath Nails	
9d	.30	9d	.50	9d	.55		
10d	.20	10d	.35	10d	.45	2d	\$2.45
12d	.15	12d	.30	12d	.40	2d Light	2.45
16d	.10	16d	.20	16d	.35	3d	1.85
20d-60d	Base	20-40d	.10	20d	.30	3d Light	2.05

## FLOORING NAILS

Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
6d	2	11	157	\$ .55
7d	2¼	11	139	.50
8d	2½	10	99	.35
9d	2¾	10	90	.35

## SPECIAL HARDWOOD FLOORING NAILS

1⅛" long, 15 Ga. 760 to lb.

Price on application.

## WIRE CLINCH NAILS

Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over base Per Keg
6d	2	11	157	\$ .75
8d	2½	10	99	.55
10d	3	9	69	.45

Finishing Nails		Smooth Box		Barbed Car Nails		Shingle Nails	
				Bright			
2d	\$2.00	2d	\$1.65			3d	\$ .90
3d	1.55	3d	1.30	light heavy		3½d	.75
4d	1.25	4d	1.05		\$ .95	4d	.70
5d	1.20	5d	1.00		.75		
6d	1.00	6d	.70		.70	Slatting Nails	
7d	.70	7d	.65		.65	With ⅜" Heads	
8d	.60	8d	.45		.50	2d	\$1.35
9d	.60	9d	.45		.50	3d	1.10
10d	.45	10d	.30		.45	4d	1.00
12d	.40	12d	.25		.40	5d	.90
16d	.25	16d	.15		.35	6d	.80
20d	.15	20-40d	.05		.25		

## Fence Nails

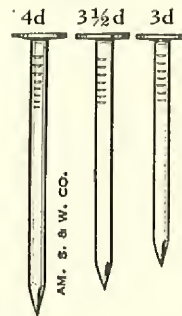
Flooring Brads		Fence Nails	
6d	\$ .55	5d	\$ .50
7d	.50	6d	.45
8d	.35	7d	.35
9d	.35	8d	.25
10d	.25	9d	.25
12d	.20	10d	.20
16d	.15	12d	.10
20d	.05	16d	.05
		20d	.05

## Spikes

All sizes to 9 inches \$ .10  
10 inch and larger .25



## CUTS FULL SIZE

SHINGLE  
NAILS

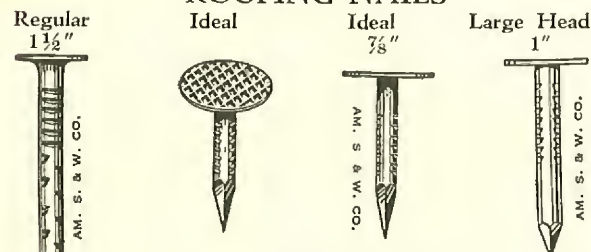
Kind and Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over Base Per Keg Plain	Extra over Base Per Keg Galvd.
3d	1 1/4	13	429	\$ .90	
3 1/2d	1 3/8	12 1/2	345	.75	applica-
4d	1 1/2	12	274	.70	tion.

## Fine Nails for Lath

Kind and Size	Length Inches	Gauge No.	Number of Nails to lb.	Extra over Base Per Keg Plain	Extra over Base Per Keg Galvd.
2d	1	16 1/2	1351	\$2.20	\$2.45
3d	1 1/8	15	778	1.60	1.85

Copper Wire Shingle Nails furnished in above lengths. In asking for price state quantity of each size.

## ROOFING NAILS



100 pound kegs.

Length Inches	Gauge No.	Head Inches	Number of Nails to lb.	Extra over Base Per Keg Plain	Extra over Base Per Keg Galvd.
3/4"	13	3/4"	714	\$1.55	
7/8"	12	1/4"	469	1.30	Price
1"	12	1/4"	411	1.20	on
1 1/4"	11	3/8"	251	.95	applica-
1 1/2"	10	3/8"	176	.80	tion
2"	9	3/8"	103	.65	
<b>Ideal Roofing</b>					
3/4"	11	1/2"	210	Net	Net
7/8"	11	1/2"	195	Price	Price
1"	11	1/2"	180	on	on
<b>Large Head Roofing</b>					
7/8"	11	7/8"	175	applica-	applica-
1"	11	7/8"	162	tion	tion

## SLATING NAILS

Special with 3/8" Heads  
100 pound kegs.

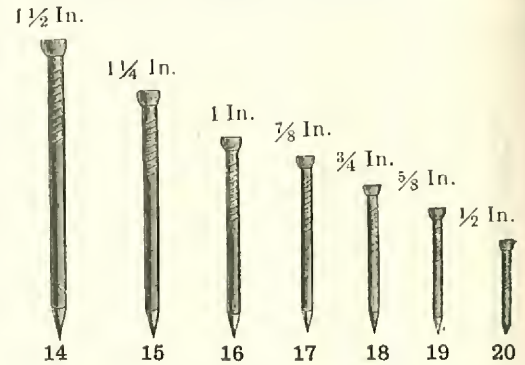
Size	Length	Gauge	Head	Nails in lb.	Per 100 lb. keg
2d	1"	12	3/8"	156	Price on
3d	1 1/4"	10 1/2	3/8"	134	application
4d	1 1/2"	10 1/2	3/8"		
<b>Extra over Base Keg</b>					
Plain				\$1.35	\$1.10
Galvd.				on application	\$1.00

## COPPER WIRE SLATING NAILS

Size	Length	Gauge	Head	Nails in lb.	Per 100 lb. keg
3d	1 1/4"	11	3/8"	156	Price on
4d	1 1/2"	11	3/8"	134	application

## WIRE NAILS

## STEEL WIRE BRADS



## Standard List Prices

List price per pound of sizes carried in stock.

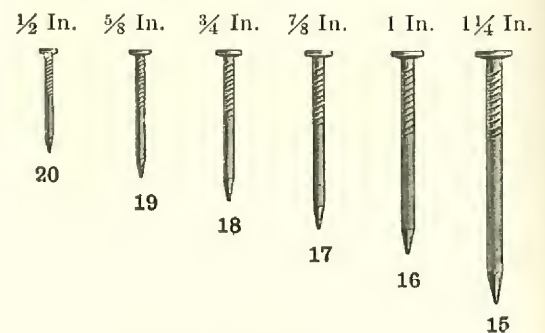
Wire Brads	Length Inches	Ga. 14	Ga. 15	Ga. 16	Ga. 17	Ga. 18	Ga. 19	Ga. 20
1/2 lb. papers	3/8							
	1/2							
1 lb. papers	5/8							
	3/4							
	7/8							
	1							
	1 1/4	\$ .31	\$ .32	\$ .34				
	1 1/2	.30	.31	.33				
	1 3/4	.29	.30	.32				
	2	.29	.30					

1/4 lb. papers  
in 3 lb. cartons

## List Prices

	3/4x18	7/8x18	1x17	1 1/4x16	1 1/2x15
1/4 lb. papers	\$1.92	\$1.71	\$1.56	\$1.38	\$1.29
25 lb. boxes					
in bulk, per lb.	\$ .50	\$ .43	\$ .38	\$ .32	\$ .29

## FLAT HEAD STEEL WIRE NAILS



## Standard List Prices

List price per lb. of sizes carried in stock.

Flat Head Nails	Length Inches	Ga. 15	Ga. 16	Ga. 17	Ga. 18	Ga. 19	Ga. 20
1/2 lb. papers	1/2						
	3/8						
1 lb. papers	5/8						
	3/4						
	7/8						
	1						
	1 1/4	\$ .32	\$ .34				

## OVAL HEAD STEEL WIRE NAILS

One pound packages.

3/8" 14 Ga. Price on application.

## 7d CONE HEAD SIDING NAILS

7d Cone Head Siding Nail 2 1/4" long. No. 11 Ga.  
Price per keg. On application.



## BLUED CLOUT NAILS



Length, inches .....  $\frac{3}{4}$   $\frac{7}{8}$  1  $1\frac{1}{4}$   $1\frac{1}{2}$   
 Per lb. Price on application.  
*One pound papers.*

## TINNED TRUNK NAILS



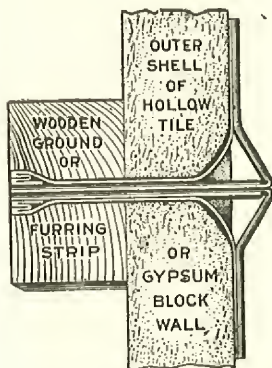
Length, inches .....  $\frac{3}{4}$  1  
 Per lb. Price on application.  
*One pound papers.*

## SELF CLINCHING NAILS

For Grounding and Furring  
 PATENTED JULY 12, 1910.



Nail before driving.



Specially designed for attaching nailing, grounds or furring strips to hollow tile or gypsum block walls before the plaster coat has been applied.

After furring strip has been attached with this nail, it can be wedged out, up to  $\frac{3}{4}$ " without losing its grip. No plugging of walls. Grounds can be moved any-time before plastering. One nail for every 2 feet. Three sizes.

$2\frac{3}{4}$ " 3"  $3\frac{1}{4}$ "

Price per 1000 on application.

Booklet on request.

## CLAMP NAILS



For Cabinet Work

No. 9,  $\frac{9}{16}$ " wide  
 1 " Per Pound  
 $1\frac{1}{2}$ " " "  
 2 " " "

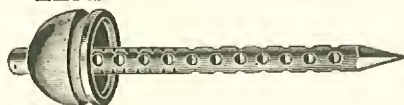
For Heavier Work

No. 11,  $1\frac{1}{8}$ " wide  
 $1\frac{1}{4}$ " Per Pound  
 $1\frac{1}{2}$ " " "  
 2 " " "  
 3 " " "

Price on application.

Packed in 3 lb. packages. Write for booklet.

## LEAD HEADED NAILS

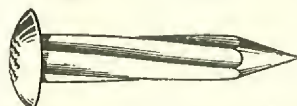


For use with Corrugated Steel Roofing and Siding. Lengths  $1\frac{1}{2}$  to 12".  $1\frac{3}{4}$ " about 40 to the lb. Per lb.



## LEAD WASHERS

For use with Roofing Nails,  $\frac{7}{16}$ " Diam. concaved,  $\frac{1}{8}$ " hole. Per lb.  
 Price on application



## MASONRY NAILS AND PUNCH

$\frac{3}{16}$ " x 1 " per 100.....\$ .90  
 $\frac{1}{4}$ " x  $1\frac{1}{2}$ " per 100..... 1.70  
 $\frac{1}{4}$ " x 2 " per 100..... 2.00

The quickest method of making anchorage in brick, mortar, concrete and terra cotta. For attaching sheet metal work, etc. Nails are hardened and will drive into ordinary masonry without drilling a hole. Made in three sizes. 100 nails in a box.  
 P. K. Masonry Drill Punch. Each.....

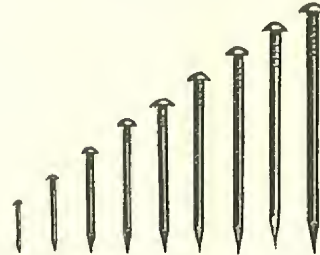
## VENEER OR PANEL POINTS

Made of Steel

2 Sizes— $\frac{3}{4}$ " x  $\frac{5}{8}$ " and  $1\frac{1}{8}$ " x  $\frac{7}{8}$ "  
 1 lb. papers, per lb.....\$ .30

## BRASS ESCUTCHEON PINS

OVAL HEAD



Standard List Prices

Packed in one pound boxes.

List prices per pound of sizes carried in stock.

	Length Inches	Ga. 12	Ga. 14	Ga. 16	Ga. 18
	$\frac{3}{8}$			\$1.20	\$1.50
	$\frac{1}{2}$		\$1.00	1.10	1.35
	$\frac{5}{8}$		.96	1.03	1.27
	$\frac{3}{4}$	\$.87	.92	.99	1.20
One pound packages.	1	.83	.85	.94	
	$1\frac{1}{4}$	.79	.81	.90	
	$1\frac{1}{2}$	.77	.80	.88	

## CORRUGATED JOINT FASTENERS



5 Corrugations  
 Plain Edge



5 Corrugations  
 Saw Edge

Divergent Corrugations draw the work together when being driven. Saw Edge furnished on all sizes except  $\frac{1}{4}$ ".

Standard List Prices per 1,000

Size	$\frac{1}{4}$ "-5	$\frac{3}{8}$ "-5	$\frac{1}{2}$ "-5	$\frac{5}{8}$ "-5	$\frac{3}{4}$ "-5	$\frac{7}{8}$ "-5	1-5
List							
Per M.	\$ .90	\$1.20	\$1.30	\$1.70	\$1.85	\$2.20	\$2.40

Note— $\frac{1}{4}$  and  $\frac{3}{8}$ " are packed 1000 in a box.

All other sizes 500 in a box.

## BARBED STEEL SASH DOWELS



$1\frac{3}{8}$ "—8 Ga.

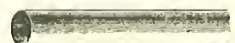
Note—Sizes carried in stock are indicated by \*

Packed in 25 lb. boxes, and 100 lb. kegs.

Size	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "
10 Ga. 25 lb. boxes.....	*	*	*	*	*	*	*	*
10 Ga. 100 lb. kegs.....				*				
8 Ga. 25 lb. boxes.....					*	*	*	*
8 Ga. 100 lb. kegs.....					*	*	*	*

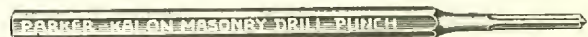
Price on application

## BIRCH WOOD DOWELS



36" long, 100 pieces in a bundle.

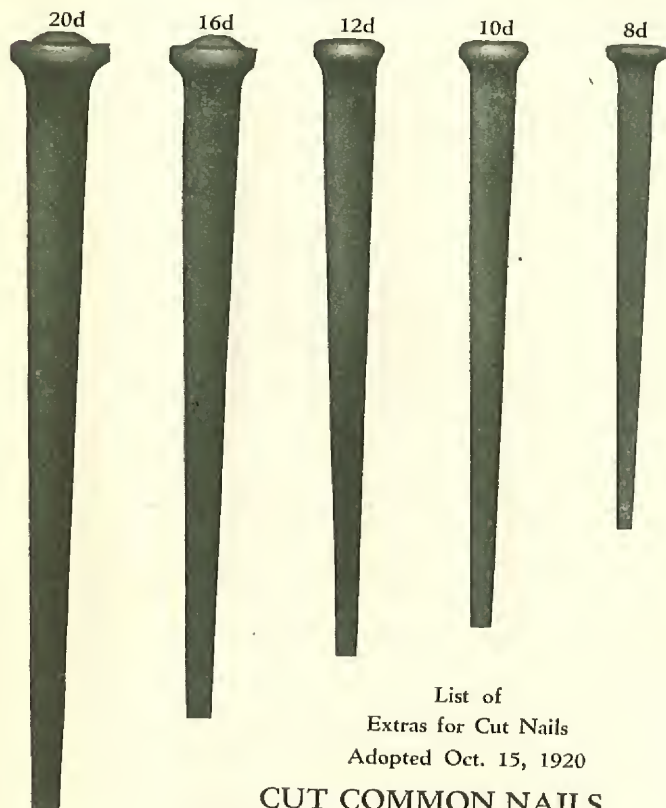
Size	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Price per bundle.....	\$2.00	\$2.25	\$2.50	\$3.50





## CUT NAILS

100 Pound Kegs



List of

Extras for Cut Nails

Adopted Oct. 15, 1920

## CUT COMMON NAILS

Size	Length Inches	Number of Nails in lb.	Extra over Base Per Keg
6d	2	150	.....\$.60
8d	2 1/2	96	......30
10d	3	56	......20
16d	3 1/2	30	......10
20d	4	25	.....Base
30d	4 1/2	18	....."
40d	5	10	....."
50d	5 1/2	12	....."
60d	6	8 1/2	....."

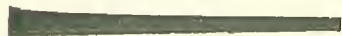
## CUT FLOORING NAILS

New York Pattern



Size	Length Inches	Number of Nails in lb.	Extra over Base Per Keg
7d	2 1/4	110	.....\$.70
8d	2 1/2	85	......60

## CUT CASING NAILS



Size	Length Inches	Number of Nails in lb.	Extra over Base Per Keg
6d	2	190	.....\$1.00
7d	2 1/4	150	......70
8d	2 1/2	110	......60
9d	2 3/4	100	......60
10d	3	75	......45
16d	3 1/2	35	......25
20d	4	30	......15

CUT IRON  
SHINGLE NAILS

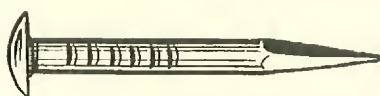
Size	Length Inches	Number of Nails in lb.	Plain Extra Per Keg	Galvd. Extra Per Keg
3d	1 1/4	448	\$1.15	
3 1/2 d	1 3/8	375	1.00	
4d	1 1/2	300	.80	

CUT CLINCH  
NAILS

Size	Length Inches	Number Nails in lb.	Extra over Base Per Keg
6d	2	110	.....\$1.00
7d	2 1/4	100	......95
8d	2 1/2	65	......80
9d	2 3/4	60	......80
10d	3	50	......70

CUT HINGE  
NAILS

8d—2 1/2" long. Annealed for clinching  
Countersunk oval head. Per keg.  
Price on application

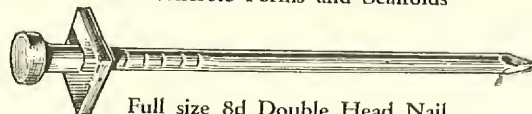
WIRE HINGE  
NAILS  
(Annealed)

Oval Head Diamond Point  
5 lb. boxes.

2 x 3/8"	—61 Nails to lb., per lb.	.....\$.15
2 1/2 x 1/8"	—48 Nails to lb., per lb.	......15
2 1/2 x 1/4"	—24 Nails to lb., per lb.	......15

## ECONOMY DOUBLE HEADED NAILS

For Concrete Forms and Scaffolds



Full size 8d Double Head Nail

A labor and lumber saver.

Holds tighter than ordinary nails, and can be withdrawn without spoiling lumber.

Packed 100 lbs. in a keg.

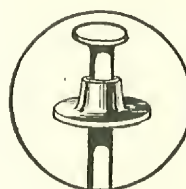
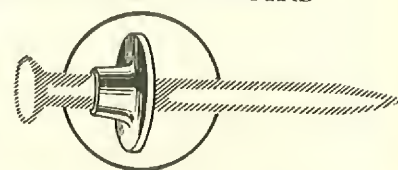
Price per keg on application

6d—2"	long overall
8d—2 1/2"	" "
10d—3"	" "
16d—3 1/2"	" "
20d—4"	" "

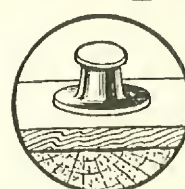
## PULL-EASY NAIL COLLARS

For Concrete  
Forms and  
Scaffolds

The Collar



On the Nail



In Place



In the Claw

Saves Time and Lumber  
Use with Common Wire Nails

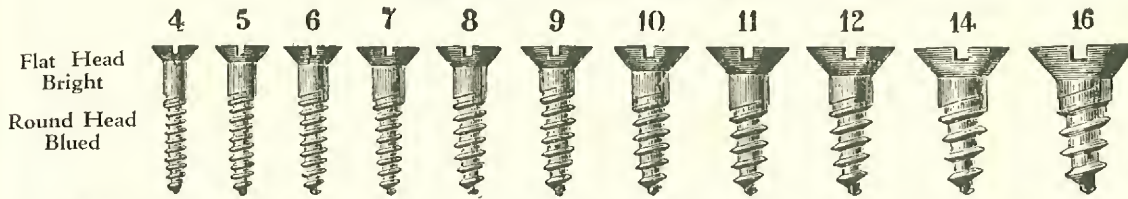
Use with Common Wire Nails			Collars Only Price Per 1000
Size No.	For	Nails.....	
1	6 to 10d	Nails.....	\$2.00
2	10 to 20d	Nails.....	2.25
3	20 to 60d	Nails.....	4.00

Packed 1000 Collars in a box.



## STEEL WOOD SCREWS

Standard List Prices Adopted June 24th, 1922.

Actual Diameters  
One gross in a paper.

List Price Per Gross

1/4"		3/8"		1/2"		5/8"		3/4"		7/8"		1"		1 1/4"		1 1/2"		1 3/4"	
No.		No.		No.		No.		No.		No.		No.		No.		No.		No.	
0.....	.90	0.....	.90	1.....	.90	2.....	.90	2.....	.90	3.....	.95	3.....	.95	4.....	\$1.10	4.....	\$1.20	6.....	\$1.40
1.....	.90	1.....	.90	2.....	.90	3.....	.90	3.....	.90	4.....	.95	4.....	1.00	5.....	1.15	5.....	1.25	7.....	1.45
2.....	.90	2.....	.90	3.....	.90	4.....	.90	4.....	.95	5.....	1.00	5.....	1.05	6.....	1.20	6.....	1.30	8.....	1.50
3.....	.90	3.....	.90	4.....	.90	5.....	.95	5.....	.95	6.....	1.05	6.....	1.10	7.....	1.25	7.....	1.35	9.....	1.60
4.....	.90	4.....	.90	5.....	.90	6.....	.95	6.....	1.00	7.....	1.10	7.....	1.15	8.....	1.30	8.....	1.40	10.....	1.70
		5.....	.90	6.....	.90	7.....	1.00	7.....	1.05	8.....	1.15	8.....	1.20	9.....	1.35	9.....	1.45	11.....	1.80
		6.....	.90	7.....	.95	8.....	1.05	8.....	1.10	9.....	1.20	9.....	1.25	10.....	1.40	10.....	1.50	12.....	2.00
		7.....	.90	8.....	1.00	9.....	1.10	9.....	1.15	10.....	1.25	10.....	1.30	11.....	1.50	11.....	1.60	14.....	2.25
		8.....	.90	9.....	1.05	10.....	1.15	10.....	1.20	11.....	1.30	11.....	1.35	12.....	1.60	12.....	1.80	16.....	2.60
				10.....	1.10	11.....	1.20	11.....	1.25	12.....	1.35	12.....	1.40	14.....	1.80	14.....	2.05	18.....	3.05
						12.....	1.25	12.....	1.30	14.....	1.50	14.....	1.60	16.....	2.05	16.....	2.35	20.....	3.60
								14.....	1.40			16.....	1.85	18.....	2.40	18.....	2.75		

2"		2 1/4"		2 1/2"		2 3/4"		3"		3 1/2"		4"		4 1/2"		5"	
No.		No.		No.		No.		No.		No.		No.		No.		No.	
6.....	\$1.55	6.....	\$1.75	6.....	\$1.95	8.....	\$2.15	8.....	\$2.45	10.....	\$3.00	12.....	\$3.80	14.....	\$5.10	14.....	\$5.75
7.....	1.60	7.....	1.80	7.....	2.00	9.....	2.25	9.....	2.55	11.....	3.20	14.....	4.50	16.....	5.90	16.....	6.70
8.....	1.65	8.....	1.85	8.....	2.05	10.....	2.45	10.....	2.65	12.....	3.40	16.....	5.20	18.....	6.90	18.....	7.80
9.....	1.75	9.....	1.95	9.....	2.15	11.....	2.60	11.....	2.80	14.....	4.00	18.....	6.10	20.....	8.00	20.....	9.00
10.....	1.85	10.....	2.05	10.....	2.25	12.....	2.80	12.....	3.00	16.....	4.60	20.....	7.10	24.....	10.70	24.....	11.90
11.....	2.00	11.....	2.20	11.....	2.40	14.....	3.25	14.....	3.50	18.....	5.40	24.....	9.50				
12.....	2.20	12.....	2.40	12.....	2.60	16.....	3.80	16.....	4.10	20.....	6.30						
14.....	2.50	14.....	2.75	14.....	3.00	18.....	4.45	18.....	4.80	24.....	8.40						
16.....	2.90	16.....	3.20	16.....	3.50	20.....	5.20	20.....	5.60								
18.....	3.40	18.....	3.75	18.....	4.10			24.....	7.40								
20.....	4.00	20.....	4.40	20.....	4.80												

All sizes up to 1 1/2", No. 10 packed 10 gross in a package.

Following kinds and sizes are also carried.

Flat Head Blued	Flat Head Brass Plated	Round Head Brass Plated
3/8"-4-5	3/8"-4-5	3/8"-4-5
3/4"-5-6	3/4"-5-6	3/4"-5-6
7/8"-7-8	7/8"-7-8	7/8"-7-8
1"-8-9	1"-8-9	1"-8-9

Flat Head  
Round Head  
Oval Head

## BRASS WOOD SCREWS

Standard List Prices Adopted June 24th, 1922.

1/4"		3/8"		1/2"		3/4"		7/8"		1"		1 1/4"	
No.		No.		No.		No.		No.		No.		No.	
0.....	.95	0.....	.95	1.....	\$1.05	2.....	\$1.20	2.....	\$1.30	4.....	\$1.50	4.....	\$1.60
1.....	.95	1.....	1.00	2.....	1.10	3.....	1.25	3.....	1.35	5.....	1.65	5.....	1.80
2.....	1.00	2.....	1.05	3.....	1.15	4.....	1.30	4.....	1.40	6.....	1.85	6.....	2.00
3.....	1.00	3.....	1.10	4.....	1.20	5.....	1.40	5.....	1.50	7.....	2.10	7.....	2.25
4.....	1.05	4.....	1.15	5.....	1.30	6.....	1.55	6.....	1.70	8.....	2.35	8.....	2.55
		5.....	1.20	6.....	1.40	7.....	1.75	7.....	1.90	9.....	2.60	9.....	2.85
		6.....	1.30	7.....	1.55	8.....	1.95	8.....	2.15	10.....	2.90	10.....	3.15
				8.....	1.75	9.....	2.15	9.....	2.40	11.....	3.20	11.....	3.50
						10.....	2.40	10.....	2.65	12.....	3.55	12.....	3.90
								11.....	2.95			14.....	4.75
								12.....	3.25				

1 1/2"		1 3/4"		2"		2 1/4"		2 1/2"		3"		3 1/2"	
No.		No.		No.		No.		No.		No.		No.	
6.....	\$2.65	8.....	\$3.75	8.....	\$4.25	10.....	\$5.95	10.....	\$6.60	12.....	\$9.75	12.....	\$11.25
7.....	3.00	9.....	4.25	9.....	4.75	11.....	6.70	11.....	7.40	14.....	12.00	14.....	14.00
8.....	3.35	10.....	4.80	10.....	5.35	12.....	7.50	12.....	8.25	16.....	14.70	16.....	17.00
9.....	3.75	11.....	5.40	11.....	6.00	14.....	9.30	14.....	10.25	18.....	17.70	18.....	20.50
10.....	4.20	12.....	6.10	12.....	6.80	16.....	11.30	16.....	13.00				
11.....	4.70	14.....	7.45	14.....	8.35	18.....	13.60	18.....	15.00				
12.....	5.35			16.....	10.20								
14.....	6.55			18.....	12.30								

All sizes up to 1 1/2", No. 10 packed 10 gross in a package.

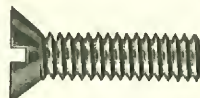
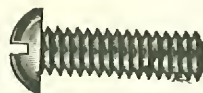
## OVAL HEAD BRASS

Carried only in the following sizes.

3/4"-6-7 7/8"-7-8 1"-8-9 1 1/4"-8-9 1 1/2"-9-10



## MACHINE SCREWS

ROUND AND FLAT HEAD  
STEEL

Standard List of June 15, 1921.

ROUND AND FLAT HEAD  
BRASS

One gross in a package.

List price per gross.

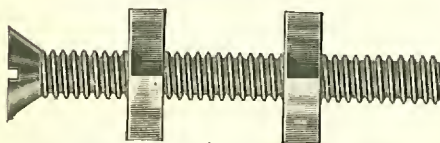
One gross in a package.

Threads Per Inch No.	56	40	32	32	24	24	20	18	16
No.	2	4	6	8	10	12	1/4"	5/16"	3/8"
Length									
* 1/8"	\$.30	\$.30	\$.35						
* 3/16"	.30	.30	.35	\$.40					
* 1/4"	.30	.30	.35	.40	\$.60				
* 5/16"	.32	.32	.37	.44	.65	\$.75	\$1.15		
* 3/8"	.32	.32	.37	.44	.65	.75	1.15		
* 7/16"	.34	.34	.39	.48	.70	.80	1.20		
* 1/2"	.34	.34	.39	.48	.70	.80	1.20	\$2.00	\$2.40
5/8"	.37	.37	.42	.52	.75	.85	1.25	2.10	2.50
3/4"	.41	.41	.46	.56	.80	.90	1.30	2.20	2.60
7/8"	.45	.45	.50	.60	.85	.95	1.40	2.30	2.70
1"		.50	.55	.65	.90	1.00	1.50	2.40	2.80
* 1 1/8"		.55	.60	.70	1.00	1.10	1.60	2.60	3.00
1 1/4"		.60	.65	.75	1.10	1.20	1.75	2.80	3.20
1 1/2"		.70	.75	.85	1.30	1.40	2.10	3.20	3.60
1 3/4"			.95	1.05	1.50	1.60	2.50	3.60	4.20
2"			1.15	1.25	1.70	1.80	2.90	4.00	4.60
2 1/4"				1.45	1.90	2.20	3.30	4.40	4.80
2 1/2"				1.65	2.20	2.50	3.50	4.90	5.30
2 3/4"				1.90	2.50	2.90	4.00	5.40	5.90
3"				2.30	2.90	3.50	4.50	6.00	7.40

Threads Per Inch No.	56	40	32	32	24	24	20	18	16
No.	2	4	6	8	10	12	1/4"	5/16"	3/8"
Length									
* 1/8"	\$.32	.36	\$.46						
* 3/16"	.32	.36	.46	\$.70					
* 1/4"	.32	.36	.46	.70	\$1.00				
* 5/16"	.34	.38	.49	.75	1.05	\$1.35	\$ 2.80		
* 3/8"	.36	.40	.52	.80	1.10	1.45	2.90		
* 7/16"	.38	.42	.55	.85	1.15	1.55	3.05		
* 1/2"	.40	.44	.58	.90	1.25	1.65	3.20	\$ 5.00	\$ 5.75
5/8"	.46	.50	.66	1.00	1.45	1.85	3.50	5.50	6.50
3/4"	.52	.56	.74	1.10	1.65	2.05	3.80	6.00	6.70
7/8"	.58	.62	.82	1.20	1.85	2.25	4.10	6.50	7.40
1"		.70	.90	1.30	2.05	2.45	4.40	7.00	8.50
1 1/8"		.80	1.05	1.45	2.20	2.65	4.65	7.50	9.00
1 1/4"		.90	1.20	1.60	2.35	2.85	4.90	8.00	9.90
1 1/2"		1.10	1.50	1.90	2.65	3.25	5.50	9.00	12.00
1 3/4"			1.90	2.30	3.05	3.75	6.20	10.00	12.70
2"			2.30	2.70	3.45	4.25	7.00	11.00	13.50
2 1/4"				3.10	3.85	4.75	8.00	12.00	14.90
2 1/2"					4.65	5.80	9.00	13.50	15.50
2 3/4"					6.00	7.00	10.00	15.00	17.00
3"					7.50	8.50	11.00	16.50	19.00

\* These lengths not carried in stock.

## SINK BOLTS

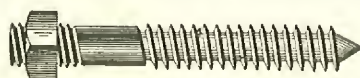


Steel Bolt with Two Square Iron Nuts

Size	List Per 100
1/4x2 1/4"	\$2.20
1/4x2 1/2"	2.30
1/4x2 3/4"	2.40

100 in a box.

## HANGER OR TABLE BOLTS



Hanger Bolts Are Made to Order

Price quoted on application. Give dimensions and quantity of each size that may be required.

## DOWEL SCREWS



No.	Size	List Per 100
9	1 1/2 x 3/8"	\$ 2.25
7	2 x 3/16"	3.60
5	2 1/2 x 3/32"	5.40
550	3 1/2 x 5/16"	10.80

One gross in a box.

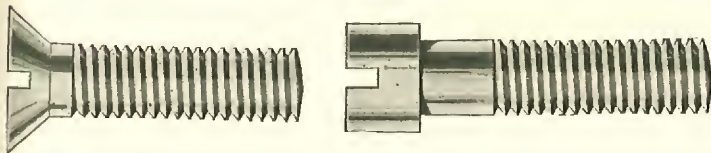


U. S. Standard

## HEXAGON HEAD CAP SCREWS

Standard List of  
Feb. 1st, 1924List Price  
Per Hundred

Diam. of Head Height of Head Threads to Inch Diam. of Screw	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	1
Length	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.
$\frac{3}{4}$	\$4.35	\$4.85	\$5.80	\$7.50	\$9.55			
$\frac{7}{8}$	4.55	5.00	6.00	7.70	9.75			
1	4.70	5.25	6.20	7.90	9.95	\$15.85	\$16.40	
$1\frac{1}{4}$	5.10	5.60	6.70	8.50	10.80	16.10	16.65	\$26.55
$1\frac{1}{2}$	5.45	6.00	7.15	9.10	11.50	16.35	16.90	26.85
$1\frac{3}{4}$	5.90	6.55	7.85	9.75	12.35	17.50	18.10	27.15
2	6.35	7.15	8.50	10.45	13.15	18.55	19.15	27.45
$2\frac{1}{4}$	6.80	7.75	9.15	11.20	14.05	19.80	20.40	29.00
$2\frac{1}{2}$	7.20	8.35	9.80	11.95	15.00	20.85	21.30	30.55
$2\frac{3}{4}$	7.60	8.90	10.50	12.65	15.90	22.30	23.00	32.10
3	8.05	9.50	11.15	13.40	17.00	23.80	24.55	33.70
$3\frac{1}{4}$				14.15	18.20	24.95	25.70	35.80
$3\frac{1}{2}$				14.90	19.30	26.20	26.90	38.00
$3\frac{3}{4}$				15.65	20.55	27.40	28.10	40.20
4				16.35	21.80	28.60	29.20	42.25
$4\frac{1}{4}$							30.40	45.85
$4\frac{1}{2}$							31.65	49.40
$4\frac{3}{4}$								52.95

FILLISTER HEAD, BUTTON HEAD,  
FLAT HEAD CAP SCREWS

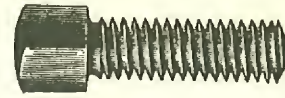
Standard List of Feb. 1st, 1924

Not carried in stock  
List Price per 100

Threads to inch Diam. of Screw	20	18	16	14	13	12	11	10
Length	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.
$\frac{3}{4}$	\$2.70	\$3.00	\$3.75	\$4.90	\$6.10			
1	3.05	3.35	4.15	5.30	6.50	\$9.80		
$1\frac{1}{4}$	3.35	3.55	4.45	5.65	6.85	10.15	\$10.50	
$1\frac{1}{2}$	3.65	3.80	4.80	6.05	7.35	10.50	10.85	\$15.95
$1\frac{3}{4}$	3.80	4.10	5.20	6.50	7.80	11.15	11.50	16.35
2	4.00	4.35	5.60	6.90	8.30	11.80	12.15	16.75
$2\frac{1}{4}$	4.15	4.65	6.00	7.50	9.00	12.60	13.00	17.80
$2\frac{1}{2}$	4.35	4.95	6.40	8.05	9.75	13.50	13.90	18.80
$2\frac{3}{4}$	4.55	5.25	6.80	8.60	10.50	14.25	14.65	19.80
3	4.70	5.55	7.20	9.15	11.20	15.00	15.40	20.90

U. S. Standard

## SQUARE HEAD CUP POINT SET SCREWS

Standard List of  
Feb. 1st, 1924List Price  
Per Hundred

Diam. of Head Height of Head Threads to inch Diam. of Screw	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{4}$
Length	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.
$\frac{1}{2}$	\$2.80	\$3.15	\$3.65					
$\frac{3}{8}$	2.85	3.20	3.70	\$5.35	\$6.55			
$\frac{1}{4}$	2.90	3.25	3.75	5.45	6.65	\$11.15	\$11.55	
$\frac{3}{16}$	3.10	3.40	4.00	5.55	6.75	11.35	11.75	\$21.10
1	3.25	3.55	4.30	5.65	6.85	11.55	11.95	21.50
$1\frac{1}{4}$	3.60	3.90	4.80	6.15	7.60	11.75	12.15	21.90
$1\frac{1}{2}$	3.95	4.20	5.25	6.65	8.35	11.95	12.35	22.30
$1\frac{3}{4}$	4.25	4.70	5.90	7.25	9.10	12.90	13.30	22.70
2	4.55	5.20	6.55	7.90	9.80	13.80	14.20	24.40
$2\frac{1}{4}$	4.80	5.65	7.15	8.65	10.60	14.85	15.30	26.10
$2\frac{1}{2}$	5.10	6.15	7.75	9.45	11.40	16.00	16.50	27.80
$2\frac{3}{4}$	5.35	6.60	8.40	10.15	12.15	17.15	17.65	29.35
3	5.65	7.10	9.00	10.90	12.35	18.25	18.85	31.30
$3\frac{1}{4}$				11.70	14.15	19.75	20.40	33.20
$3\frac{1}{2}$				12.45	15.35	21.20	21.90	35.20
$3\frac{3}{4}$				13.25	16.60	22.70	23.30	37.10
4				14.00	17.85	24.20	24.85	39.50
$4\frac{1}{4}$							25.40	41.85
$4\frac{1}{2}$							27.95	44.35
$4\frac{3}{4}$								

## S. A. E. HEXAGON HEAD CAP SCREWS

Standard List of Feb. 1st, 1924

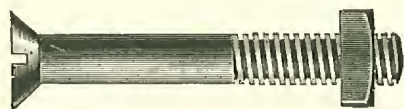
List Price per 100

Threads per inch Diam. of Screw	28	24	24	20	20	18	18	16
Length	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.	25 in a box.	100 in a box.	50 in a box.
$\frac{3}{4}$	\$4.35	\$4.85	\$5.80	\$7.50	\$9.55			
$\frac{7}{8}$	4.55	5.00	6.00	7.70	9.75			
1	4.70	5.25	6.20	7.90	9.95	\$15.85	\$16.40	
$1\frac{1}{4}$	5.10	5.60	6.70	8.50	10.80	16.10	16.65	\$26.55
$1\frac{1}{2}$	5.45	6.00	7.15	9.10	11.50	16.35	16.90	26.85
$1\frac{3}{4}$	5.90	6.55	7.85	9.75	12.35	17.50	18.10	27.15
2	6.35	7.15	8.50	10.45	13.15	18.55	19.15	27.45
$2\frac{1}{4}$	6.80	7.75	9.15	11.20	14.05	19.80	20.40	29.00
$2\frac{1}{2}$	7.20	8.35	9.80	11.95	15.00	20.85	21.30	30.55
$2\frac{3}{4}$	7.60	8.90	10.50	12.65	15.90	22.30	23.00	32.10
3	8.05	9.50	11.15	13.40	17.00	23.80	24.55	33.70

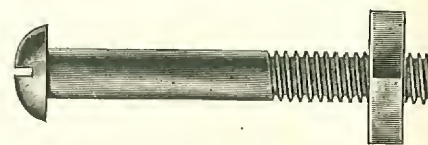


## STOVE BOLTS

Flat and Round Head



Flat Head Bolts are measured from end to end.



Round Head Bolts are measured from under head to end.

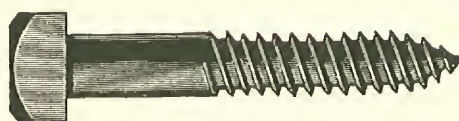
National Standard List of Nov. 1st, 1923

Note: Half inch diameter stove bolts from 1 inch to 3 inches long, are carried in stock, and are priced from special list and discount.

List Price Per Hundred

Diameter Length	100 in a package						
	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
$\frac{3}{8}$ inch	\$ .85	\$ .85	\$ .85				
$\frac{1}{2}$ "	.85	.85	.85	\$1.20			
$\frac{5}{8}$ "	.85	.85	.85	1.20			
$\frac{3}{4}$ "	.85	.85	.85	1.20	\$1.75	\$2.65	
$\frac{7}{8}$ "	.90	.90	.90	1.25	1.80	2.75	
1 "	.90	.90	.90	1.30	1.85	2.85	
$1\frac{1}{8}$ "	.95	.95	.95	1.35	1.90	2.95	
$1\frac{1}{4}$ "	1.00	1.00	1.00	1.40	1.95	3.05	
$1\frac{3}{8}$ "	1.05	1.05	1.05	1.45	2.00	3.15	
$1\frac{1}{2}$ "	1.10	1.10	1.10	1.50	2.05	3.25	
$1\frac{3}{4}$ "		1.20	1.20	1.60	2.25	3.45	
2 "		1.30	1.30	1.70	2.45	3.85	
$2\frac{1}{4}$ "			1.45	1.85	2.60	4.05	
$2\frac{1}{2}$ "			1.60	2.00	2.75	4.25	
$2\frac{3}{4}$ "			1.70	2.10	2.90	4.45	
3 "			1.80	2.20	3.05	4.65	
$3\frac{1}{2}$ "			2.00	2.40	3.40	5.15	
4 "			2.20	2.70	3.70	5.65	
$4\frac{1}{2}$ "			2.40	3.00	4.00	6.15	
5 "			2.60	3.30	4.40	6.65	
$5\frac{1}{2}$ "			2.80	3.60	4.80	7.15	
6 "			3.05	3.90	5.20	7.65	

## LAG SCREWS



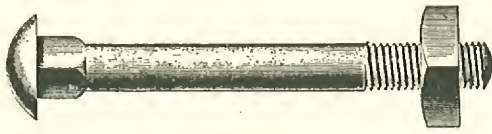
Standard List of September 1st, 1923

List price per hundred.

Lengths are from under side of head to point.

Lag Screws are packed as follows:	Diameter Length, Inches	100 in a package					
		$\frac{1}{4}$ and $\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	
$\frac{1}{4}$ " Diameter	$1\frac{1}{2}$	\$2.25	\$2.70	\$ 3.75			
100 in package.	2	2.45	3.00	4.15	\$ 6.00		
$\frac{5}{16}$ and $\frac{3}{8}$ " Diameter	$2\frac{1}{2}$	2.65	3.30	4.55	6.50	\$ 9.20	
50 in package	3	2.85	3.60	4.95	7.00	9.90	
$\frac{1}{2}$ " up to 2" Diameter	$3\frac{1}{2}$	3.05	3.90	5.35	7.50	10.60	
50 in a package.	4	3.25	4.20	5.75	8.00	11.35	
$\frac{1}{2} \times 2\frac{1}{2}$ " Diam. and longer	$4\frac{1}{2}$	3.45	4.50	6.15	8.50	12.00	
and larger 25 in package.	5	3.65	4.80	6.55	9.00	12.70	
	$5\frac{1}{2}$	3.85	5.10	6.95	9.50	13.40	
	6	4.05	5.40	7.35	10.00	14.10	
	$6\frac{1}{2}$	5.25	6.70	8.75	10.50	14.80	
	7	5.45	7.00	9.15	11.00	15.50	
	$7\frac{1}{2}$	5.65	7.30	9.55	11.50	16.20	
	8	5.85	7.60	9.95	12.00	16.90	
	9	6.25	8.20	10.75	13.00	18.30	
	10	6.65	8.80	11.55	14.00	19.70	
	11			12.35	15.00	21.10	
	12			13.15	16.00	22.50	





## CARRIAGE BOLTS

List of September 1st, 1923

List Price Per Hundred

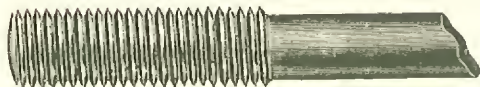
Length measured from under head to end						
Diameter $\frac{1}{8}$ and $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$						
Length Inches						
1 1/2	\$1.00	\$1.40	\$1.90	\$3.25	\$6.00	\$9.80
2	1.10	1.55	2.10	3.25	6.00	9.80
2 1/2	1.20	1.70	2.30	3.25	6.00	9.80
3	1.30	1.85	2.50	3.55	6.40	10.30
3 1/2	1.40	2.00	2.70	3.85	6.80	10.80
4	1.50	2.15	2.90	4.15	7.20	11.30
4 1/2	1.60	2.30	3.10	4.45	7.60	11.80
5	1.70	2.45	3.30	4.75	8.00	12.30
5 1/2	1.80	2.60	3.50	5.05	8.40	12.80
6	1.90	2.75	3.70	5.35	8.80	13.30
6 1/2	2.75	3.65	4.65	6.40	9.20	13.80
7	2.85	3.80	4.85	6.70	9.60	14.30
7 1/2	2.95	3.95	5.05	7.00	10.00	14.80
8	3.05	4.10	5.25	7.30	10.40	15.30
8 1/2	3.15	4.25	5.45	7.60	10.80	15.80
9	3.25	4.40	5.65	7.90	11.20	16.30
9 1/2	3.35	4.55	5.85	8.20	11.60	16.80
10	3.45	4.70	6.05	8.50	12.00	17.30
11	3.65	5.00	6.45	9.10	12.80	18.30
12	3.85	5.30	6.85	9.70	13.60	19.30
13	4.05	5.60	7.25	10.30	14.40	20.30
14	4.25	5.90	7.65	10.90	15.20	21.30
15	4.45	6.20	8.05	11.50	16.00	22.30
16	4.65	6.50	8.45	12.10	16.80	23.30
17	4.85	6.80	8.85	12.70	17.60	24.30
18	5.05	7.10	9.25	13.30	18.40	25.30
19	5.25	7.40	9.65	13.90	19.20	26.30
20	5.45	7.70	10.05	14.50	20.00	27.30

How Carriage Bolts Are Packed.

 $\frac{1}{8}$ " and  $\frac{1}{4}$ ", 100 in a package $\frac{5}{16}$ " and  $\frac{3}{8}$ ", 50 in a package. $\frac{1}{2}$ " up to 2" long, 50 in a package. $\frac{1}{2}$ " x  $2\frac{1}{2}$ " and longer and larger, 25 in a package.

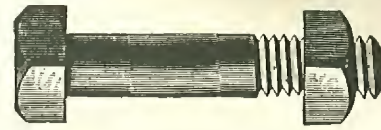
## STAY RODS

With Threaded Ends



Furnished in any diameter of rod with square head and other end upset and threaded or with both ends upset and threaded with nuts.

Price on application.



## MACHINE BOLTS

List of September 1st, 1923

List Price Per Hundred

Length measured from under head to end						
Diameter $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$						
Length Inches						
1 1/2	\$1.70	\$2.00	\$2.40	\$3.70	\$5.50	\$7.70
2	1.80	2.15	2.60	4.00	5.90	8.25
2 1/2	1.90	2.30	2.80	4.30	6.30	8.80
3	2.00	2.45	3.00	4.60	6.70	9.35
3 1/2	2.10	2.60	3.20	4.90	7.10	9.90
4	2.20	2.75	3.40	5.20	7.50	10.45
4 1/2	2.30	2.90	3.60	5.50	7.90	11.00
5	2.40	3.05	3.80	5.80	8.30	11.55
5 1/2	2.50	3.20	4.00	6.10	8.70	12.10
6	2.60	3.35	4.20	6.40	9.10	12.65
6 1/2	3.70	4.50	5.40	7.70	9.50	13.20
7	3.80	4.65	5.60	8.00	9.90	13.75
7 1/2	3.90	4.80	5.80	8.30	10.30	14.30
8	4.00	4.95	6.00	8.60	10.70	14.85
9	4.20	5.25	6.40	9.20	11.50	15.95
10	4.40	5.55	6.80	9.80	12.30	17.05
11	4.60	5.85	7.20	10.40	13.10	18.15
12	4.80	6.15	7.60	11.00	13.90	19.25
13			8.00	11.60	14.70	20.35
14			8.40	12.20	15.50	21.45
15			8.80	12.80	16.30	22.55
16			9.20	13.40	17.10	23.65
17			9.60	14.00	17.90	24.75
18			10.00	14.60	18.70	25.85
19			10.40	15.20	19.50	26.95
20			10.80	15.80	20.30	28.05
21				16.40	21.10	29.15
22				17.00	21.90	30.25
23				17.60	22.70	31.35
24				18.20	23.50	32.45
25				18.80	24.30	33.55
26						34.65
27						35.75
28						36.85
29						37.95
30						39.05

How Machine Bolts Are Packed.

 $\frac{1}{4}$ ", 100 in a package. $\frac{5}{16}$ " and  $\frac{3}{8}$ ", 50 in a package. $\frac{1}{2}$ " up to 2" long, 50 in a package. $\frac{1}{2}$ " x  $2\frac{1}{2}$ " and longer and larger, 25 in a package.

## TRUSS RODS

With Threaded Ends and Turnbuckle



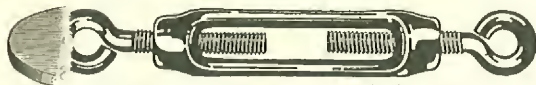
Furnished in any diameter of rod with upset threaded ends and nuts, and in any length. Send Sketch with inquiry or order.

Price on application.



## TURN BUCKLES

### MALLEABLE IRON



Steel Screw, Turned Eye  
Plain

Size Screw	Take Up	Total Length	Each
$\frac{5}{32}$ "	$1\frac{1}{4}$ "	3 "	\$.20
$\frac{3}{16}$ "	$1\frac{1}{2}$ "	4 "	.25
$\frac{7}{32}$ "	$1\frac{7}{8}$ "	$4\frac{1}{2}$ "	.30
$\frac{1}{4}$ "	$2\frac{1}{4}$ "	$5\frac{1}{2}$ "	.35



Galvanized

Size Screw	Take Up	Total Length	Each
$\frac{5}{32}$ "	$1\frac{1}{4}$ "	3 "	\$.25
$\frac{3}{16}$ "	$1\frac{1}{2}$ "	4 "	.30
$\frac{7}{32}$ "	$1\frac{7}{8}$ "	$4\frac{1}{2}$ "	.35
$\frac{1}{4}$ "	$2\frac{1}{4}$ "	$5\frac{1}{2}$ "	.40

24 in a box.

### WROUGHT STEEL



Steel Screw, Solid Eye  
Plain

Size Screw	Take Up	Total Length	Each
$\frac{5}{16}$ "	$2\frac{1}{2}$ "	$5\frac{1}{4}$ "	\$.60
$\frac{3}{8}$ "	$2\frac{3}{4}$ "	$6\frac{1}{4}$ "	.75

Galvanized

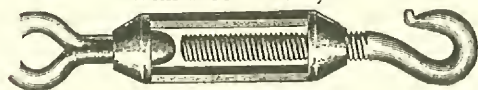
Size Screw	Take Up	Total Length	Each
$\frac{5}{16}$ "	$2\frac{1}{2}$ "	$5\frac{1}{4}$ "	\$.70
$\frac{3}{8}$ "	$3\frac{1}{2}$ "	$6\frac{1}{4}$ "	.85

24 in a box.

For  
ing  
e  
tity

### WROUGHT IRON TURNBUCKLES

With Hook and Eye



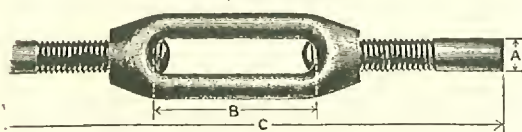
Galvanized No. G225

d	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
l	$3\frac{1}{2}$ "	$3\frac{3}{4}$ "	$4\frac{1}{4}$ "	$4\frac{1}{2}$ "	$5\frac{3}{4}$ "	$8\frac{1}{2}$ "	$9\frac{1}{4}$ "
z	$6\frac{3}{8}$ "	9 "	$9\frac{1}{2}$ "	$10\frac{3}{4}$ "	14 "	$15\frac{1}{2}$ "	$17\frac{3}{4}$ "
	\$.50	\$.55	\$.60	\$.90	\$1.10	\$1.50	\$2.00

In bulk.

### WROUGHT IRON TURNBUCKLES

With Stub Ends



	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
--	------------------	-----------------	-----------------	-----------------	-----------------	-----------------	----

Rivet	4 1/4"	4 1/2"	6"	6"	6"	6"	6"
Outs							
Price	ist	ist	ist	ist	ist	ist	ist
Lead							

In bulk.

## THREADED RODS



Steel

Machine Screw Sizes, 24" lengths.

Brass

Gauge No.	6	8	10	12	14
-----------	---	---	----	----	----

Steel

Per Piece—Price on application.

Brass

Per Piece—Price on application.

In bulk.

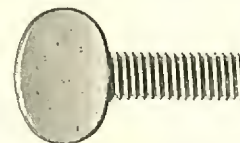
## STOVE RODS

Round Head

Length	8"	10"	12"	14"
1/4" Dia. Each	\$.06	\$.07	\$.08	\$.10

In bulk.

## MALLEABLE THUMB SCREWS



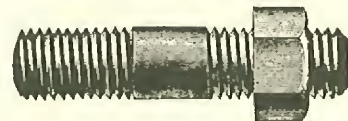
U. S. Standard Thread

Size given is diameter and length of screw.

Size	$\frac{5}{16} \times \frac{3}{4}$ "	$\frac{1}{4} \times 1$ "	$\frac{5}{16} \times 1\frac{1}{4}$ "
Each	\$.05	\$.06	\$.07

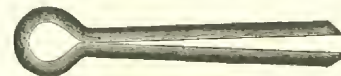
In bulk.

## STUD BOLTS



Stud Bolts are special goods and must be made to order. In ordering state quantity, diameter, length overall, length of thread each end, and whether tight or loose fit.

## COTTER PINS



Standard List adopted October 15th, 1922

Length	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"
Diameter							
$\frac{1}{16}$ "	\$.43	\$.53	\$.63	\$.73	\$.83	\$.93	\$1.23
$\frac{3}{32}$ "	.43	.53	.63	.73	.83	.93	1.23
$\frac{1}{8}$ "	.58	.70	.83	.95	1.08	1.20	1.55
$\frac{3}{16}$ "	.93	1.10	1.28	1.45	1.63	1.80	2.20
$\frac{1}{2}$ "	1.25	1.55	1.85	2.15	2.45	2.75	3.35
$\frac{3}{4}$ "		2.80	3.20	3.60	4.00	4.40	5.20
$\frac{15}{16}$ "		4.20	4.80	5.40	6.00	6.60	7.60

No. 25 Assorted sizes, 250 cotters in screw cover box.

Per box .....\$.40

Cotters are packed as follows:

$\frac{1}{16}$  to  $\frac{3}{16}$ " Diameter are 1000 in a box.  
 $\frac{1}{4}$ " Diameter are 500 in a box.  
 $\frac{5}{16}$ " Diameter are 250 in a box.



## RIVETS

### SMALL IRON RIVETS



Round Head



Countersunk Head



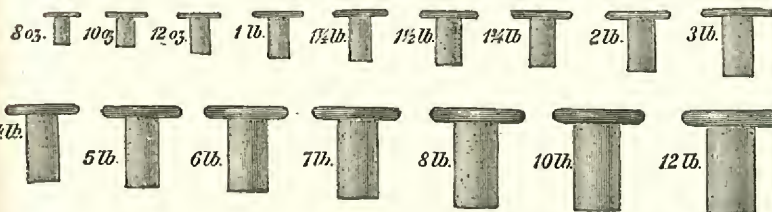
Flat Head

Standard List Prices per pound for all above heads adopted 5/19/1920.

Length	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Diameter						
3/8"	\$.21	\$.18	\$.18	\$.17 1/2	\$.17 1/2	\$.17
1/4"	.19	.17	.17	.16 1/2	.16 1/2	.16
1/8"	.18	.16 1/2	.16 1/2	.16	.16	.15 1/2
3/16"	.18	.16	.16	.15 1/2	.15 1/2	.15

*Note: These list prices are for 200 lb. kegs. For 5 lb. packages add 5 cents per lb. to list.*

### TINNED TINNERS RIVETS

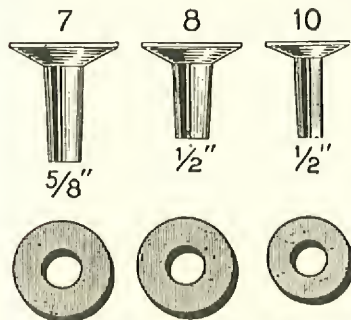


Standard list per 1,000 for Black Tinner's Rivets  
List adopted 5/19/1920. Tinning Extra.

Size	10 oz.	12 oz.	1 lb.	1 1/4 lb.	1 1/2 lb.	1 3/4 lb.	2 lb.
Per M.	\$.36	\$.41	\$.48	\$.54	\$.62	\$.67	\$.72
Size	2 1/2 lb.	3 lb.	4 lb.	5 lb.	6 lb.	7 lb.	8 lb.
Per M.	\$.83	\$.96	\$1.20	\$1.30	\$1.50	\$1.75	\$2.00

Extra per pound for Tinning all sizes.  
1000 in a box.

CUTS FULL SIZE



CUTS FULL SIZE

### COPPER BELT RIVETS WITH BURRS

	Standard List Price Per Pound.						Ass'td
Length	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"
1/4 lb. Pkgs.							3/8 to 3/4"
No. 8	\$.56	\$.56	\$.56	\$.56			\$.58
No. 10	.60	.60	.60	.60			.62
1/2 lb. Pkgs.							
No. 7	.52	.52	.52	.52	\$.52	\$.52	\$.55
No. 8	.53	.53	.53	.53	.53	.53	.56
No. 10	.57	.57	.57	.57	.57	.57	.60
1 lb. Pkgs.							
No. 7	.49	.49	.49	.49	.49	.49	
No. 8	.50	.50	.50	.50	.50	.50	

### BRASS OVAL HEAD RIVETS

Price per pound—1 lb. packages.  
1/2" 3/4" 1"

1/2"	\$1.00	\$1.00	\$1.00
3/4"		1.00	1.00

### COPPER BRAKE BAND RIVETS

Countersunk Head

Price per pound—Half pound packages.

3/8"	3/4"	7/8"	1"
	\$.70		\$.70
\$.75	.75	\$.75	

### COPPERED STEEL BEVELED CLINCH RIVETS

For Harness

50 Rivets in a box—12 boxes in a carton.

Length	1/2"	5/8"	3/4"	Assorted lengths 1/4 to 1/2"
No. 1 Per Carton	\$2.00	\$2.15	\$2.25	\$2.00
No. 3 Per Carton			2.75	
No. 3 is extra heavy.				

### JAPANNED STEEL TUBULAR HARNESS RIVETS

50 Rivets in a box—12 boxes in a carton.

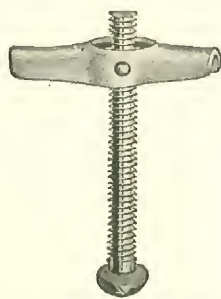
No. 1 Length	3/8"	1/2"	3/4"	Assorted 1/4 to 1/2"
Per Carton	\$2.50	\$2.50	\$3.50	\$2.25



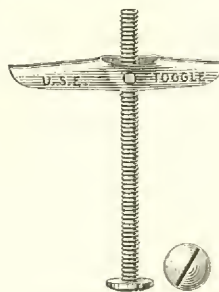
## TOGGLE BOLTS



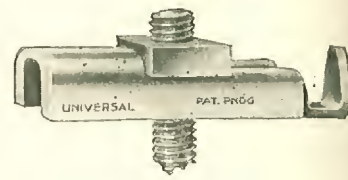
No. 1



No. 7B Round Head



No. 7A Flat Head



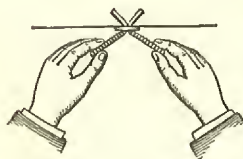
Universal

List prices adopted Jan. 10th, 1924

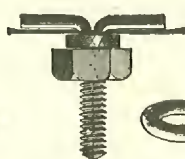
No.	Diam.	3"	4"	5"	6"
1	$\frac{3}{16}$ "	\$ 9.50	\$10.50	\$12.00	\$12.50
	$\frac{1}{4}$ "	10.50	11.75	13.00	14.00
	$\frac{5}{16}$ "		18.00		20.00
	$\frac{3}{8}$ "		24.00		31.00
No. 7A and No. 7B)	$\frac{3}{16}$ "	9.50	10.50	12.00	12.50
	$\frac{1}{4}$ "	10.50	11.75	13.00	14.00

50 in a box.

## SIAMESE HOLLOW METAL BOLTS AND EYES



Method of Applying



No. 9



No. 10

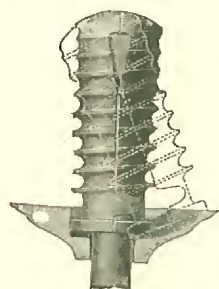
For making attachments to Sheet Metal Frames, Sash, Walls or Ceilings.

Composed of a split threaded bolt working through a washer. The two parts of bolt are held together by rubber band.

No. 9 Bolt	Per 100	No. 10 Eye	Per 100
$\frac{1}{8}$ " x 1"	\$5.25	$\frac{1}{4}$ " Dia. Eye	\$4.50
$\frac{1}{8}$ " x 2"	6.75	$\frac{1}{2}$ " " "	5.25
$\frac{1}{4}$ " x 1"	6.00		
$\frac{1}{4}$ " x 2"	7.50		

Nos. 9 and 10 are packed 100 in a box.

No. 10 is applied same as No. 9 bolt. After end pieces are put in hole the two eye pieces are drawn together.



## DUPLEX CEILING FLANGES

with  
Closed Back Machine Bolt  
Expansion Shields

The flange fits over the throat of the shield. Bolt can be removed without disturbing the flange. This arrangement is very useful for eye bolts and pipe hangers for Sprinkler Systems.

List price per 100  
Flanges and Shields

Size	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "
List	\$34.00	\$52.50	\$65.00	\$92.00

In bulk.

## UNIVERSAL TOGGLE HEADS

Make Your Own Toggles

Use regular Stove Bolts or Machine Screws with Nuts with these heads. Either the head of the bolt or the nut can be used outside.

A very strong toggle.

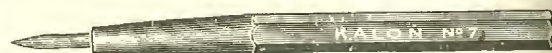
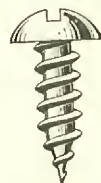
List prices for Toggle Heads only

Bolts are extra

For Bolt, Diam.....	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{1}{2}$ "
List per 100.....	\$2.75	\$3.00	\$3.25

100 in a box.

## SHEET METAL SCREWS AND PUNCHES



P-K Stop Punch



P-K Plain Punch

These screws are designed expressly for sheet metal work, and are threaded and hardened in such a manner as to enable them to cut into sheet metal without stripping their threads.

Ask for duty chart before ordering the first time.

Made with Round and with Flat Heads in the following sizes:

Nos. 6x $\frac{3}{8}$ ", 7x $\frac{1}{2}$ ", 10x $\frac{3}{4}$ ", 10x1 $\frac{1}{4}$ ", 14x $\frac{7}{8}$ " and 14x1 $\frac{1}{2}$ ".

P-K Stop Punch. Nos. 6, 7, 10 and 14

P-K Plain " " 6, 7, 10 " 14

Not carried in stock. Price on application.

## CONCRETE INSERTS

Malleable Iron

Adjustment One Way

Notches in the base of the legs, permit of ready tacking to form.

No. ....	12	58	34
For Bolt.....	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "

Safe

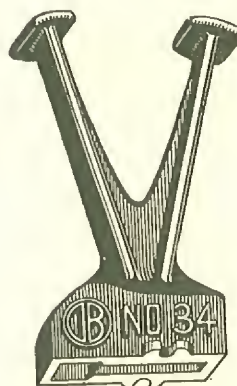
Loads, lbs.... 2300 3300 4900

Height ..... 4" 5" 6"

Length ..... 2 $\frac{5}{8}$ " 2 $\frac{3}{8}$ " 2 $\frac{7}{8}$ "

Per 100—Price on application.

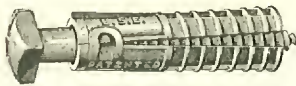
In bulk.





## EXPANSION SHIELDS

## SINGLE SHIELD



Malleable Iron  
FOR LAG SCREWS

Diam. of Screw	Length of Shield	Size of Drill to Use	Shields Only List Per 100
1/4"	1 1/2"	1/2"	\$15.00
5/16"	1 3/4"	5/8"	18.00
3/8"	2 3/4"	3/4"	25.00
7/16"	2"	7/8"	25.00
1/2"	3 1/2"	1"	38.00
5/8"	2"	1 1/8"	38.00
3/4"	3 1/2"	1 1/4"	45.00
7/8"	2"	1 1/2"	45.00
1"	3 1/2"	1 3/4"	65.00
1 1/8"	2"	1 7/8"	65.00
1 1/4"	3 1/2"	2"	
1 1/2"	2"	2 1/8"	

3/4" 50 in a box.  
Other sizes 100 in a box.

## DOUBLE SHIELD

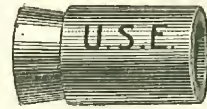


Malleable Iron  
FOR MACHINE BOLTS

Diam. of Bolt	Length of Shield	Size of Drill to Use	Shields Only List Per 100
1/4"	1 1/2"	1/2"	\$15.00
5/16"	1 3/4"	5/8"	18.00
3/8"	2 1/4"	3/4"	25.00
1/2"	3"	7/8"	38.00
5/8"	3 1/2"	1"	45.00
3/4"	4"	1 1/4"	65.00
7/8"	5"	1 1/2"	95.00
1"	5"	1 3/4"	110.00

1/4 to 5/8" inclusive 100 in a box.  
3/4 and 7/8" 50 in a box.  
1" 25 in a box.

## "KORKER"



Lead Sleeve and Threaded Brass Cone  
FOR MACHINE BOLTS

Diam. of Bolt and Thread	Length of Shield	Size of Drill to Use	Shields Only List Per 100
1/4-20	7/8"	1/2"	\$ 7.20
1/4-18	1"	5/8"	9.75
3/8-16	1 1/4"	3/4"	10.80
1/2-13	1 1/2"	7/8"	12.90

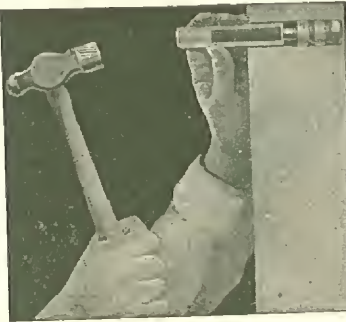
100 in a box.

A Tamping or Caulking Tool is furnished with each box.  
See below for "Korker" cross section view, installed.

## CINCH ANCHORS

Composed of alternate rings of Malleable Iron and Lead.

The Lead is wedged, by caulking around the iron rings and is forced into every depression in the wall of the hole. On account of the wedge construction increased weight or pull only adds to the holding power of this anchor. The smallest size, viz. 3/16" has carried over 1000 pounds in numerous tests.



Method of Installing

Requires least depth of hole of any type. The list prices and dimensions of holes here given are for two Unit Sets, that is, two Lead and two Iron Rings, which is strong enough for all ordinary loads. For list prices and depth of hole for Three Unit Sets, that is, three Lead and three Iron Rings, add 50%.

## SPECIFICATIONS AND LIST PRICES PER 100 SETS

Two Unit Cinch Anchors without bolts—50 sets in a box.

Diameter of Bolt	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Size of Drill to use	1/2"	5/8"	3/4"	13/16"	1 1/8"	1 1/4"	1 5/8"	1 3/4"	2"	2 1/4"
Minimum depth of hole	7/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
List Per 100 Sets	\$7.00	\$8.00	\$9.00	\$11.00	\$15.00	\$18.00	\$24.00	\$35.00	\$44.00	\$63.00
Cinch Caulking Tool, Ea.	.80	1.00	1.00	1.20	1.20	1.70	3.00	3.60	4.20	6.80

A short piece of pipe of proper inside diameter can be used in place of regular caulking tool.

## STANDARD LEAD SCREW ANCHORS



Anchor Only

For Wood or Machine Screws



Anchor with Screw Inserted

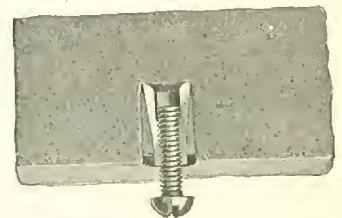
Specifications and List Prices per 100

Anchors only without screws. 100 in a box.

Anchor Size	For Use With Screw No.	Size of Drill to Use	List Per 100
1/8x1/2"	5-6-7-8	1/4"	\$ 4.40
3/4"	5-6-7-8	1/4"	4.40
7/8x3/4"	9-10-11-12	1 1/8"	5.00
1"	9-10-11-12	1 1/8"	5.00
1/4x1"	14	3/8"	5.60
1 1/2"	14	3/8"	8.00
7/8x1"	16-18	7/8"	6.25
1 1/2"	16-18	7/8"	10.00

## THE "KORKER" MACHINE SCREW ANCHOR

Consists of an internally threaded brass cone over which is fitted a ductile lead sleeve. The lead sleeve is caulked into the walls of the hole filling every depression. A Tamping or Caulking Tool is furnished with each box. 100 Anchors in a box.



Specifications and List Prices per 100

Anchor Size	Length of Anchor	Size of Drill to Use	List Per 100
6-32	3/8"	1/4"	\$3.80
8-32	1/2"	5/8"	4.50
10-24	3/8"	7/8"	4.95
12-24	3/4"	1"	6.50

Star drills for making holes for shields and anchors shown on Page 260.



## JOIST ANCHORS

- No. 75 Plain Steel,  $1 \times \frac{1}{8} \times 18$ " Strap, with Round Pin.  
Each .....\$ .25



- No. 69 Plain Steel,  $1 \times \frac{1}{4} \times 18$ , Twisted Strap, Bent End.  
Each .....\$ .25

*Joist Anchors in bulk.*

## BUILDING ANCHORS

Made to Order Only



- No. 6 Size  $1\frac{1}{2} \times \frac{1}{4} \times 24$ ". Each.....\$



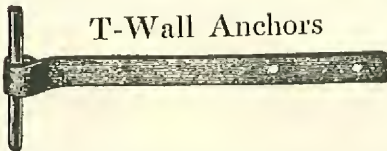
- No. 30 Ashlar Anchor—  
Section Length  
 $1 \times \frac{1}{8}$ " 12"  
 $1\frac{1}{4} \times \frac{1}{4}$ " 12"

Flat Strap Anchors

With three spike holes in each end



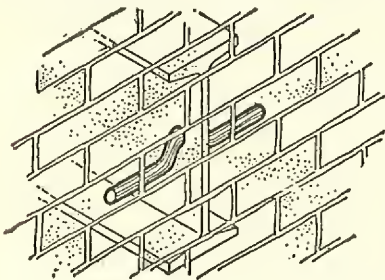
- No. 1 Size  $1 \times \frac{1}{8} \times 15$ ". Each.....\$



T-Wall Anchors

- No. 4 Size  $1\frac{1}{4} \times \frac{1}{4} \times 24$ ". Each.....\$

Shape and dimensions of Building Anchors can be changed to suit requirements. In ordering or asking for price send sketch with all dimensions, and state quantity required.



## GOVERNMENT ANCHORS

For anchoring steel beams into wall.

Diam.	Length	Each
$\frac{1}{2}$ "	12	
$\frac{1}{2}$ "	15	Price
$\frac{5}{8}$ "	12	on
$\frac{5}{8}$ "	15	applica-
$\frac{3}{4}$ "	12	tion.
$\frac{3}{4}$ "	15	

## WALL TIES

For Brick Walls



- Whale Bone Wall Ties, Galvanized Steel, 7" long, suitable for veneer or solid walls. Price per 1000.....\$3.75  
1000 in a box.



- Crimped Wall Tie, Galvanized Steel, 7" long, suitable for veneer or solid walls. Price per 1000.....\$3.50  
1000 in a box.

## SLEEPER HOOKS

For fastening wood floor sleepers down to steel girders.

Plain Steel Wire.



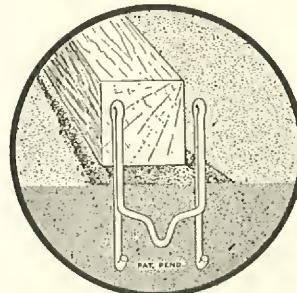
No. 1830 and 2308

No.	Length	Per 100
1830	$2\frac{3}{4}$ " to Nail	\$ .90
2308	$3\frac{3}{4}$ " " "	1.00
2148	$2\frac{3}{4}$ " " Drive	1.00

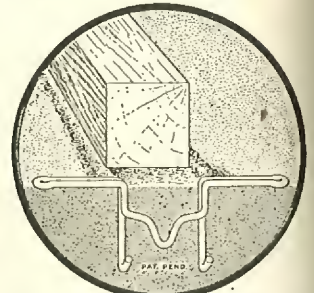
*In bulk.*

No. 2148

## GRIP-TITE SLEEPER ANCHORS



Regular Type



Bent Over Type

For imbedding in concrete subfloor to fasten down Wood Sleepers.

Made of No. 10 soft galvanized wire for sleepers 2" ( $2\frac{1}{2}$ " exactly) 3" or 4" wide.

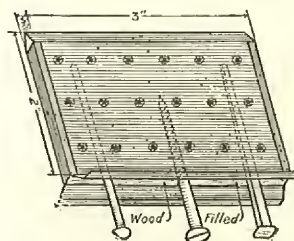
Anchors are inserted in concrete while it is still soft. When concrete is dry anchors can be bent as desired. Made in two types. Regular type carried in stock, bent type shipped from factory.

Regular Type, all widths, Per 1000.....\$33.00

Bent Type, all widths, Per 1000.....39.00

500 in a package. Weight 85 to 95 lbs. to 1000. Write for descriptive circular.

## GRIP-TITE WALL PLUGS



A perfect nailing base for securing grounds and interior finish, and so made as to receive either cut nails, wire nails or wood screws.

The wood filler block is treated with preservative paint, and is covered with galvanized iron.

The plug is wider than furring strip, and the right depth for all brick or hollow tile work.

Price per 1000.....\$40.00

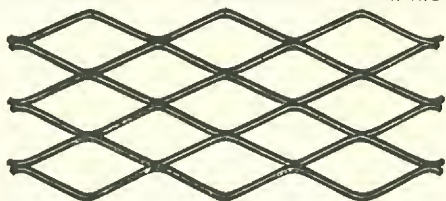
500 in a box.

## BEAM CLAMPS

For Beam	Each
4"	
5"	On
6"	Appli-
8"	cation
10"	
12"	



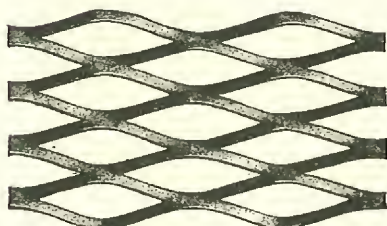


**"STEELCRETE" EXPANDED METAL**

For Concrete Reinforcement Diamond Mesh 3x8"

Not carried in stock. Price on application.

No.	Section in Inches Per Foot of Width	Weight Per Square Foot	Sheet Size	Sheets in Bundle
3-13-125	.125	.46 lbs.	5'3"x12'0"	7
3-9-15	.15	.55 "	7'0"x12'0"	5
3-9-175	.175	.60 "	6'0"x12'0"	7
3-9-20	.20	.73 "	5'3"x12'0"	5
3-9-25	.25	.92 "	4'0"x12'0"	5
3-9-30	.30	1.10 "	7'0"x12'0"	2
3-9-35	.35	1.28 "	6'0"x12'0"	2
3-6-40	.40	1.46 "	7'0"x12'0"	2
3-6-45	.45	1.65 "	6'3"x12'0"	2

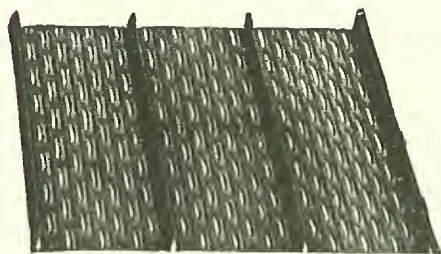
**METAL LATH**

Not carried in stock

Sheets 24 by 96"

*Bundles contain 9 sheets or 16 sq. yds.*

	2.5 lbs. painted,	Per Sq. Yd.		Price
3.4 "	"	"	"	on
2.5 "	Galvanized,	"	"	Applica-
3.4 "	"	"	"	tion.

**BOSTWICK "TRUSS-V-RIB"****METAL LATH**

Not carried in stock.

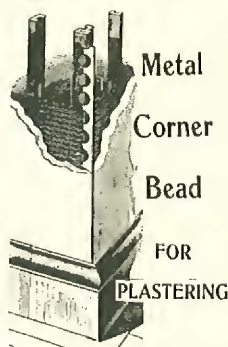
Suitable for light concrete roofs and floors, without forms or channels.

Rib 3/4" high, distance between ribs 7". Size of sheets 21" wide x 6, 7, 8, 9 and 10 feet long.

*Packed 6 sheets to bundle.*

Gauge		Weight Per Square Ft.	Price Per Square Ft.
24	Painted	1.25 lbs.	
26	"	1.00 "	
28	"	.75 "	

Price on application.

**GALVANIZED CORNER BEAD**

Metal

Corner

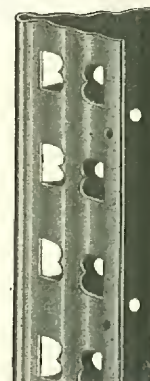
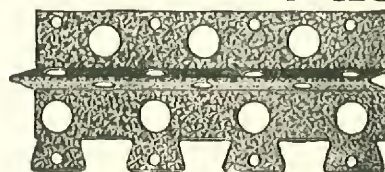
Bead

FOR

PLASTERING

8 and 9 foot  
lengths carried in  
stock.10 pieces in a  
bundle.Weight 175 lbs.  
per 1000 feet.

Price per ft...\$.04

**GROUND BEAD OR BASE SECTION**

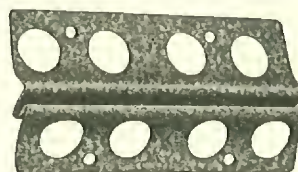
Type A—1/2" Grounds.

Not carried in stock.

Made in 8 ft. lengths.

Type A Ground Bead for joint between composition floor and plaster.

Price on application.

**INVISIBLE PICTURE MOULDING**

Not carried in stock.

Applied before plastering and completely covered except the slot.

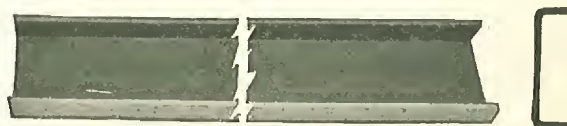
10 ft. lengths, 1000 ft. in a crate.

Per 1000 ft.—Price on application.

**TWISTED SQUARE STEEL****For Concrete Reinforcement**

Size	Lbs. Per Ft.	Size	Lbs. Per Ft.
1/4"	0.213	3/4"	1.913
5/16"	0.332	7/8"	2.603
3/8"	0.478	1"	3.400
1/2"	0.850	1 1/8"	4.300
5/8"	1.328	1 1/4"	5.313

Price on receipt of specifications.

**COLD ROLLED STEEL CHANNEL**

Not carried in stock.

For solid or Hollow Partitions, Suspended Ceilings, and all Furring Work.

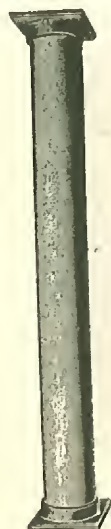
Width	Length	Weight Per ft.
3/4"	3/8"	0.276
1"	3/8"	0.332
1 1/2"	3/8"	0.456
2"	3/8"	0.580

Price on application.

State width, length and quantity required. Regular lengths 12, 14, 16, 18 and 20 ft.



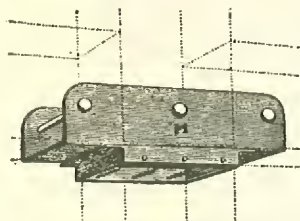
## STEEL TUBE COLUMNS



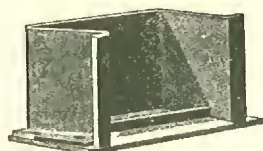
These Columns are made of steel tube with ends cut off square and resting in cast iron caps, and bases with collar fitting over end of tube. Painted black. 4 inch Light Columns carried in stock in the following lengths: 6, 6½, 7, 7½, 8, 8½ feet. All other sizes and lengths shipped from Buffalo.

Diam. and Wt. Size of Caps	4" Light 6x7x½"	4" Heavy 6x7x¾"	4½" Light 8x8x½"	4½" Heavy 8x8x½"	5" Light 8x8x½"	5½" Heavy 10x10x½"	6" Light 10x10x½"	6½" Heavy 10x10x½"
Up to 6'9"	\$3.00	\$ 7.50	\$ 7.20	\$ 8.40	\$ 8.70	\$10.50	\$ 9.50	\$12.50
6'10" to 7'9"	3.25	8.10	7.70	9.10	8.30	11.40	10.30	13.50
7'10" to 8'9"	3.75	8.70	8.20	9.80	9.90	12.30	11.10	14.50
8'10" to 9'9"	4.25	9.30	8.70	10.50	10.50	13.20	11.90	15.50
9'10" to 10'9"	4.75	9.90	9.20	11.20	11.10	14.10	12.70	16.50
10'10" to 11'9"	5.25	10.50	9.70	11.90	11.70	15.00	13.50	17.50
11'10" to 12'9"		11.10	10.20	12.60	12.30	15.90	14.30	18.50
12'10" to 13'9"		11.70	10.70	13.30	12.90	16.80	15.10	19.50
13'10" to 14'9"		12.30	11.20	14.00	13.50	17.70	15.90	20.50
14'10" to 15'9"		12.90	11.70	14.70	14.10	18.60	17.70	21.50

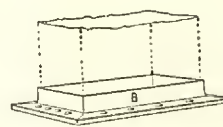
## STANDARD STEEL POST CAPS—BASES—STEEL WALL BOXES



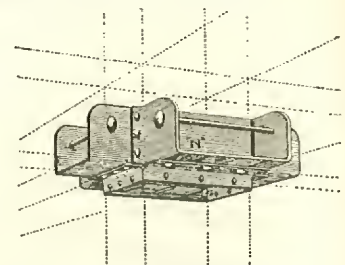
Two-Way Cap



Wall Box



Post Base



Four-Way Cap

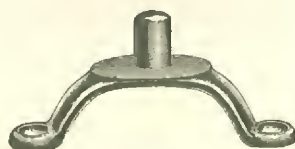
### PAINTED BLACK—LIST PRICES

POST BASE—Size Post.....	6x6"	8x8"	10x10"	12x12"	14x14"	16x16"
Weight lbs.....	22	27	39	51	65	80
List Each.....	\$ 2.50	\$ 3.00	\$ 3.60	\$ 4.20	\$ 4.80	\$ 6.00
POST CAPS—For Post.....	6x6"	8x8"	10x10"	12x12"	14x14"	16x16"
Two-Way Cap.....						
Girder Width.....	6"	8"	10"	12"	14"	16"
List Each.....	\$ 4.00	\$ 4.50	\$ 5.00	\$ 5.60	\$ 6.80	\$ 8.00
Three-Way Cap.....						
List Each.....	8.00	8.80	10.00	10.80	12.00	13.20
Four-Way Cap.....						
List Each.....	10.00	10.60	11.40	12.40	14.00	16.00
WALL BOXES—Depth.....	10"	12"	14"	16"	18"	20"
Width 6" List Each.....	\$ 7.50	\$ 7.60	\$ 7.66	\$ 7.70		
" 8" " ".....		7.70	7.84	7.98	\$ 8.10	
" 10" " ".....		8.20	8.30	8.40	8.52	
" 12" " ".....			8.74	8.90	9.00	
" 14" " ".....				9.14	9.28	\$ 9.42
" 16" " ".....					10.70	10.82

## PORCH POST IRONS



No. 2

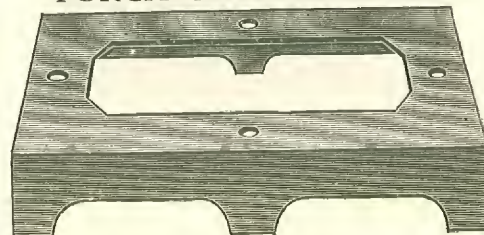


No. 1

No. 1	Cast Iron Japanned, 2x5".	Each.....	\$ .15
No. 2	" " " 2x3¾".	Per Set.....	.20

In bulk without screws.

## PORCH COLUMN BASES



All sizes 1¾" high.

Suitable for Round or Square Columns.  
Painted Black.

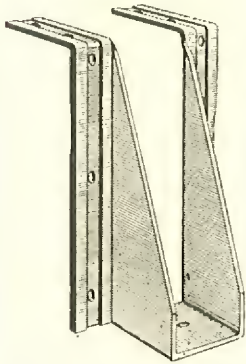
Other shapes and sizes made to order.

Size Base.....	9x9"	11x11"	13x13"	16x16"	18x18"
For Column.....	6"	8"	10"	12"	14"
Each .....	\$1.10	\$1.50	\$1.75	\$4.00	\$5.50

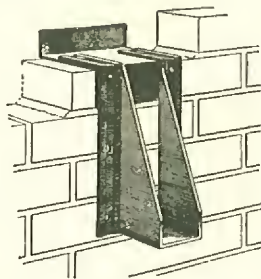


## VAN DORN JOIST HANGERS

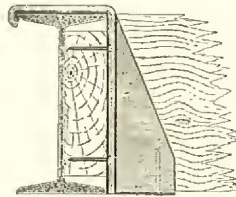
EXTRA HEAVY



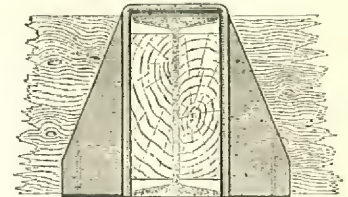
No. 1 for Wood Girder



No. 4 for Brick Wall



No. 7 for I Beam



No. 6

In ordering No. 7 Joist Hangers width of flange or Standard Beam Section must be given.

Write for prices on No. 6 double hangers, giving size of Joist to be carried and width of Girder which carries the hanger.

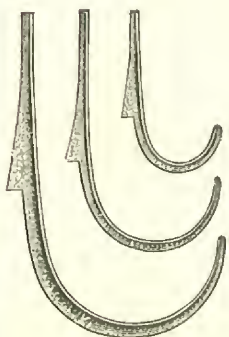
## Price List for No. 1 Hangers

Sizes carried are prefixed with (\*)

*2x6 .....	\$ .42	6x6 .....	\$ .80
*2x8 .....	.46	6x8 .....	.88
*2x10 .....	.52	*6x10 .....	.98
*2x12 .....	.58	*6x12 .....	1.08
2x14 .....	.66	6x14 .....	1.20
2x16 .....	.72	6x16 .....	1.30
3x6 .....	.48	8x8 .....	1.30
3x8 .....	.54	8x10 .....	1.40
3x10 .....	.60	8x12 .....	1.50
3x12 .....	.66	8x14 .....	1.90
3x14 .....	.72	8x16 .....	2.00
3x16 .....	.78	10x10 .....	1.70
4x6 .....	.62	10x12 .....	1.90
*4x8 .....	.68	10x14 .....	2.10
*4x10 .....	.76	10x16 .....	2.40
*4x12 .....	.82	12x12 .....	2.40
4x14 .....	.90	12x14 .....	2.60
4x16 .....	1.00	12x16 .....	2.80

## Price List for No. 4 and No. 7 Hangers

2x6 .....	\$ .92	6x6 .....	\$1.50
2x8 .....	.96	6x8 .....	1.58
2x10 .....	1.02	6x10 .....	1.68
2x12 .....	1.08	6x12 .....	1.78
2x14 .....	1.16	6x14 .....	1.90
2x16 .....	1.22	6x16 .....	2.00
3x6 .....	1.04	8x8 .....	2.50
3x8 .....	1.10	8x10 .....	2.60
3x10 .....	1.16	8x12 .....	2.70
3x12 .....	1.22	8x14 .....	3.00
3x14 .....	1.28	8x16 .....	3.10
3x16 .....	1.34	10x10 .....	3.00
4x6 .....	1.22	10x12 .....	3.10
4x8 .....	1.28	10x14 .....	3.20
4x10 .....	1.36	10x16 .....	3.40
4x12 .....	1.42	12x12 .....	3.90
4x14 .....	1.50	12x14 .....	4.10
4x16 .....	1.60	12x16 .....	4.30



## CONDUCTOR HOOKS

Terne Coated  
For Round Conductor  
Sickle Hooks  
List Price Per 100

Size	For Wood	For Brick
3"	\$ 7.50	\$ 8.25
4"	10.50	12.75
5"	13.50	18.00

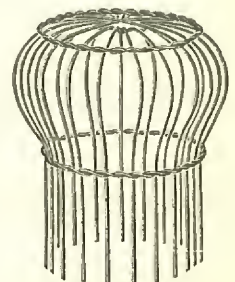
3 and 4" packed 100 in a box.  
5" packed 50 in a box.

WIRE CONDUCTOR  
STRAINERS

Galvanized  
For Round Conductor

Size.....	3"	4"	5"	6"
Each .....	\$ .25	\$ .30	\$ .40	\$ .50

*In bulk.*





## TWINES, CORDAGE AND WASTE

### FINE INDIA HEMP OR FLAX TWINE



A hard wrapping twine.

Per lb.

No. 18 Regular size in  $\frac{1}{2}$  lb. Balls  
36 Heavier " "  $\frac{1}{2}$  " "

Nos. 18 and 36 packed 6 balls in package

### HEAVY INDIA HEMP TWINE

A hard wrapping twine for heavy packages.

Per lb.

No. 7 Three Ply, 1 lb. Balls.

Loose Balls

### JUTE TWINE

" Soft, Pliable and Stainless

In Balls

Per lb.....

4 Ply Light Weight  $\frac{1}{2}$  lb. balls  
6 " Heavy " 1 " "

In Reels of about 40 lbs.

Per lb.....

4 Ply Wrapping Twine

6 " " "

4 " Tube Rope

5 " " "

Note: 4 and 5 Ply Tube Ropes are suitable for bundling sash, doors and millwork.

### SISAL TWINE

A strong, hard and rather stiff, coarse fibre twine, suitable for bundling woodwork. Will not stain.

Per lb.....

3 Ply Uncoiled Sisal Twine in large balls. Balls contain from 4 to 5 lbs. Bales contain 12 balls.

COILS—130 Ends—Coils of about 100 lbs.

Uncoiled Sisal Lath Yarn

Per lb.....

Tarred Sisal " "

Note: Tarred Lath yarn will stain and should not be used for tying finished materials.

Much used for packing bearings to make water and oil tight.

$\frac{1}{4}$  lb. Balls in 5 lb. packages. Per lb.....



COTTON  
WICKING

### TINNED WIRE PICTURE CORD



No. 0



No. 1



No. 2



No. 3



No. 4

Cuts full size

Size No.	0	1	2	3	4	5
25 ft. Coils	\$0.08	\$0.10	\$0.12	\$0.15		
25 yd. "				.30	\$0.35	\$0.45

1 Coil in a box, 12 Coils in a package.

### COTTON TWINE

A light weight soft white twine

For small packages

Per lb.....

3 Ply White Cotton  $\frac{1}{4}$  lb. Balls

3 " " "  $\frac{1}{5}$  " Cones

$\frac{1}{4}$  lb. balls are packed in 5 lb. bags.



### WHITE COTTON CABLE TWINE

A light weight smooth finish tight twisted, very strong and pliable twine for general counter use.

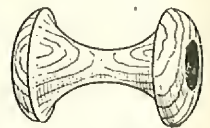
3 Ply Cotton Cable Twine  $\frac{1}{2}$  lb. balls. Per lb.....

### CHALK LINE REELS

No. 11 Turned  
Hard Wood  $2\frac{1}{4}$ "  
diameter, 4" long.  
Each .....\$0.20  
12 in a box.



No. 6



No. 11

### COTTON CHALK LINES

Twisted and Hard Laid

Actual Size, No. 6

No. 6 50 ft. balls—1 oz. Per Ball.....

6 100 " " — $2\frac{1}{2}$  " " " " " "

12 balls in a box.

Actual Size, No.  $7\frac{1}{2}$

No.  $7\frac{1}{2}$  400 ft. tube.....Per Tube

In bulk.

### COTTON MASONS LINES

Twisted and Hard Laid

Actual Sizes

No. 27

No. 00

No. 1

No. 27 Balls of  $\frac{1}{4}$  lb. about 150 ft. Per Ball.....

" "  $\frac{1}{2}$  " " 330 " " " "

" " 1 " " 660 " " " "

00 " "  $\frac{3}{4}$  " " 250 " " " "

1 " "  $1\frac{1}{4}$  " " 190 " " " "

Masons lines are in bulk.

### WHITE COTTON BRAIDED SMALL LINES

Actual sizes.

No.  $3\frac{1}{2}$

No. 4

No.  $4\frac{1}{2}$

Very strong, smooth, pliable and long wearing. Uniform in size and runs freely over small pulleys. Put up in hanks of 48 feet, and 12 hanks in one piece without knots.

No.	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5
Diam.	$\frac{3}{32}$ "	$\frac{7}{64}$ "	$\frac{1}{8}$ "	$\frac{9}{64}$ "	$\frac{5}{32}$ "
Per Hank	12 hanks bundled.				



### COTTON WASTE

White Cotton Waste

Commercial grade for cleaning. Put up in small bales of from 75 to 125 pounds.

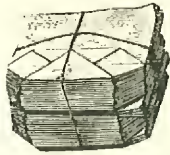
Bales

Per lb.....



## STORE SUPPLIES

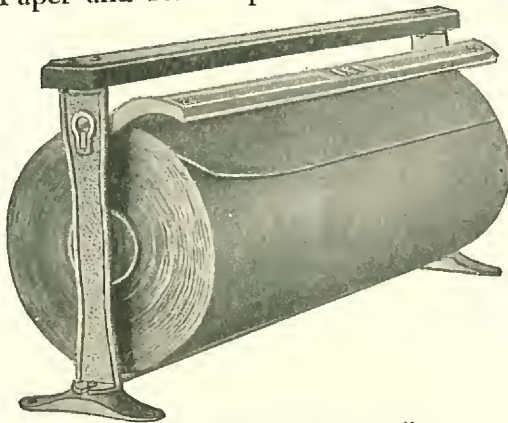
## KRAFT PAPER BAGS

Nail Bags  
Wide and ShallowDeep Bags  
Narrow and Deep

Size Lb.	Bales Contain	Per 1000
3	2000	\$ 3.40
5	2000	4.20
8	1000	5.10
10	1000	6.00
16	500	8.50
20	500	10.20
25	500	11.00

Size Lb.	Bales Contain	Per 1000
2	6000	\$ 4.60
3	5000	5.10
5	3000	7.20
8	2000	10.40
10	2000	12.00
16	1000	18.70
20	1000	21.80
25	1000	24.00
50	250	40.00

## Roll Paper and Roll Paper Holders and Cutters



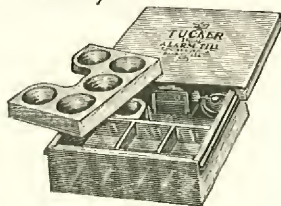
Kraft Wrapping Paper in Rolls				
Width	12"	18"	24"	36"
Weight basis	30	30	40	50
Roll Paper Holders and Cutters				
Width	12"	18"	24"	36"
Each	Price on application			

## Steel Cash Boxes

Electrically Welded, Cold Rolled  
Steel, Olive Green Finish

No.	Dimensions	Each
93	9 1/2 x 6 1/2 x 4"	\$1.35
92	10 1/2 x 7 1/2 x 4 1/4"	1.50
91	12 3/8 x 8 3/8 x 5 1/4"	2.00
1	10 1/2 x 5 1/2 x 3 3/4" Handle on end	1.35

## Money Drawers



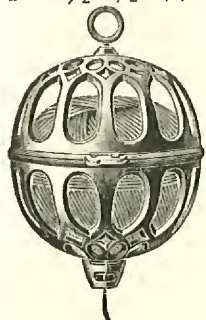
## For Under Counter

Under Counter Money Drawers  
No. 539 with alarm bell, finger pull  
combination lock, oak front, height  
4 3/8", depth 16 1/4", width 14 1/2".  
Price Each \$4.50

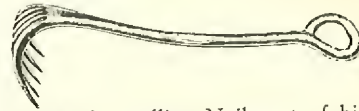
HANGING TWINE  
BOXES

## Cast Iron.

Twine Chamber 3 1/2 x 3 3/4". No. 11  
Japanned. Each \$ .50  
5 in a box.



## NAIL CLAWS



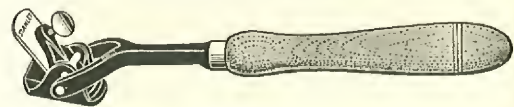
No. 1160 Nail Claw for pulling Nails out of bin, forged steel.  
Each \$ .90

## NAIL GRIPS



No. 1170 Nail Grip for lifting nails out of keg, forged steel.  
Each \$2.00

## BOX SCRAPERS

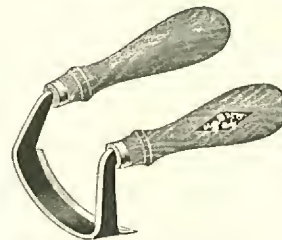


## No. 70

For removing old markings from  
shipping cases.

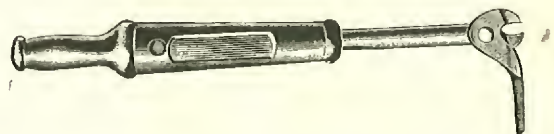
No. 70 13" long, 2" blade  
with maple handle.  
Each \$1.25

No. 73 Drop Forged with  
Wood Handles.  
Each \$1.00



## No. 73

## NAIL PULLERS



No. 20 Unbreakable Malleable Iron Handle, Forged Claw  
and Bar. Cannot pinch the hand.  
Each \$2.25

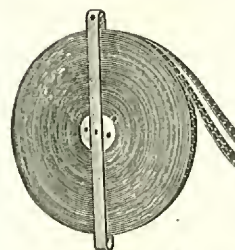
## STEEL BOX STRAPPING

## Indented

300 ft. Reels

Width	1/2"	5/8"	3/4"
Per Reel	\$1.50	\$1.90	\$2.25

20 Reels in a case.



## TIN MARKING POTS

1 Quart Capacity. Each \$ .45

## DRY LAMP BLACK

## For Marking Liquid

1/4 lb. packages, Each	\$ .15
1/2 " " " "	.25

## MARKING BRUSHES

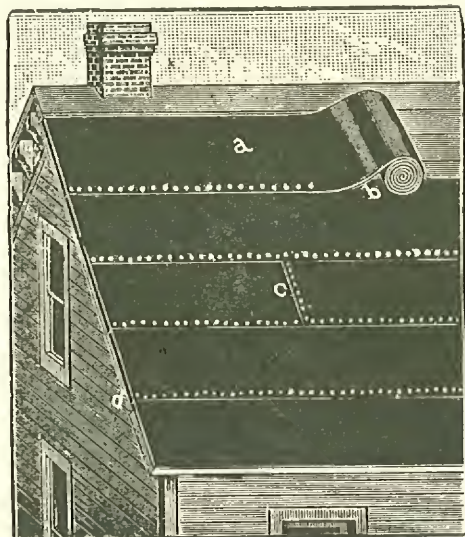
No.	1	2	3	4	5	6
Size, Diam	3/8"	1/2"	3/4"	1"	1 1/4"	1 3/4"
Soft wood handle, black bristles. All sizes.	Each \$ .15					

## STENCIL BRUSHES

No. 151-4 Black Chinese Stiff Bristle 7/8" diameter, bristle 1 1/4"  
long, nicked ferrule, black enameled handle. Each \$ .50



## ASPHALT ROOFING



### TALC SMOOTH SURFACED

Made of Rag Felt Saturated with Asphalt.

Width of roofing is 36 inches and length about 37 feet. Rolls contain 108 square feet, enough to cover one square when laid. Nails and cement in each roll.

#### CERTAINTEED GRADE

Light Weight	35 lbs. to roll.	Per Roll	\$2.75
Medium	45 " " " "	" "	3.50
Heavy	55 " " " "	" "	4.25

#### COMPETITION GRADE—Packed same as above.

Light Weight	35 lbs. to roll.	Per Roll	\$2.00
Medium	45 " " " "	" "	2.50

## ASPHALT ROOFING

### SLATE SURFACED

Colors—Green, Red and Blue Black.

Crushed Slate is imbedded in the Asphalt Roofing. Rolls contain 108 sq. ft., enough to cover one square when laid. Nails and cement are packed in each roll.

State Color wanted.

Rolls 36" wide, 37 ft. long, weight 85 lbs. Per Roll.....\$4.50

## CERTAINTEED ASPHALT SHINGLES

### SLATE SURFACED

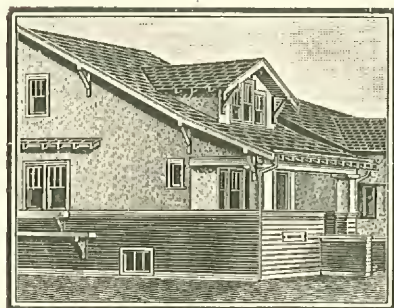
Red or Green

Made in the following styles:

**INDIVIDUAL SHINGLES**—Size 9x12½". When laid 5" to weather requires 424 shingles, and weighs 245 lbs. to square. Per Sq.....\$10.00  
Shingles are packed four bundles to a square.

**STRIP SHINGLES** (4 shingles in one)—Size 10x36". Weight 195 lbs. to square. Strip Shingles are slotted half way up giving the appearance of Individual Shingles. Strip Shingles. Per square, (2 bundles).....\$9.50

**HEXAGONAL SLABS**—Size 11 1/3x36". When laid has the appearance of Individual Hexagonal Shingles. Weight 160 lbs. to the square. Two bundles to the square. Per square .....\$8.00



## SHEET FELTS



### SHEATHING PAPERS

Rolls 36" wide contain 500 square feet.

#### BERMICO—RED FIBRE

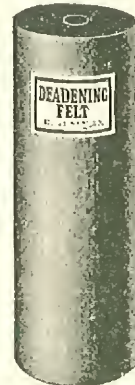
Much stronger than ordinary red rosin sized paper. Per Roll

A	Bermico	25 lbs. to roll	Price
AA	"	30 " " "	on
AAA	"	40 " " "	Applica-
			tion

#### BLACK INSULATING PAPER

Saturated and Coated

CERTAINTEED	35 lbs. to roll	Price on
CERTAINTEED	50 lbs. to roll	Application
NEPONSET	Rope Stock, 45 lbs. to roll.	



**SLATERS' FELT**—Tarred 500 sq. ft. in a roll. 32" wide, weight 30 lbs. Per Roll.....

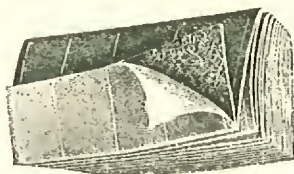
**TARRED FELT** No. 2—324 sq. ft. in a roll. 32" wide, weight 15 lbs. to sq. Per Cwt.....

**DEADENING FELT**—1½ lb. Not tarred, 450 sq. ft. in a roll, 36" wide, weight per roll, about 75 lbs. Per Cwt.....Price on application

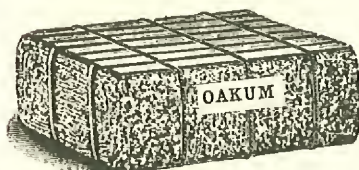


**MINERAL WOOL**

Mineral or Rock Wool is the most effective known commercial insulator between wide temperature differences. Mineral Wool between roof timbers will make top floor cool on hot days. Water pipes packed in it are well protected from freezing. It makes a first class sound deadener between floors or walls. It is 100% fireproof up to 1200° F. It is all mineral and it will not decay, mould or disintegrate, nor will it harbor insects or vermin. Use about 10 lb. to the cubic foot.  
Per bag or carton of 50 lbs. \$2.50

**HAIR INSULATOR**

Cattle hair quilted between paper, about 1/4" thick. Bales of 500 sq. ft. \$16.00  
Hair Insulator Tape 2" wide, made as above, 50 ft. in a box.  
Per box \$1.75

**OAKUM**

For caulking around window and door frames. Price per lb. Full bales contain about 100 lbs.

**LEAD WOOL**

Pure lead in a fibrous rope form which can be readily separated with the fingers into pieces of any desired size, and then caulked into a hole or crevice. Per lb.

**PLUMBERS WHITE LEAD**

In Oil

1 lb. cans ..... Each  
5 lb. cans ..... Each

**ROOFING OR SLATERS PLASTIC CEMENT**

Black

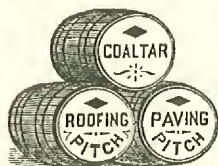
1 Pound Cans ..... Per lb.  
5 " " " " " "  
25 " " " " " "  
100 " Tubs ..... " "

**TAR, PITCH AND ASPHALT**

Liquid Tar in 50 Gallon Barrels, Per Gal.

Hard Pitch in Barrels, Per Cwt.

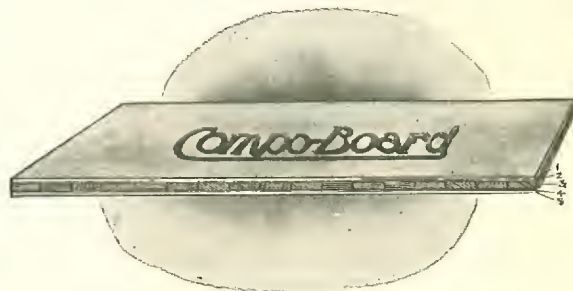
Solid Asphalt in Barrels, Per Cwt.

**TIN CAPS**

For sheathing paper and roofing.

25 lb. boxes ..... Per pound  
200 " kegs ..... " "

Price on application.

**COMPO BOARD**

Compo Board is made of California Red Wood Slats running cross ways of the board with a strong cement in the crevices and a heavy paper cover on each side cemented on under heavy pressure, making a smooth board and one not liable to warp when fastened to studding. Makes a stronger wall than plaster. The only satisfactory board for scenery builders and show window trimmers.

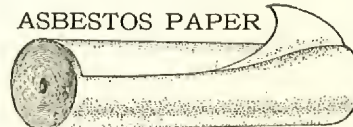
Not necessary to strip the joints, just fill them with Compo Crack Filler and paint or paper over them.

Compo Board is made 4 ft. wide only, and in 6, 7, 8, 9, 10 and 12 ft. lengths. Price per 1000 sq. ft. on application. Crating extra.

Compo Crack Filler, 5 lb. packages ..... Each



Thickness ..... 3/8"  
Board size ..... 42x48"  
Price per pound.  
Crating extra.

**ASBESTOS PAPER**

For insulating heater pipes and fire proofing. About 1/8" thick. Width 36".

Rolls about 100 pounds ..... Per lb.  
Less than rolls ..... " "

**ROOF COATINGS**

Eclipse Paint—Black or Red  
An oxide and mineral oil paint.  
Half Gallons ..... Per can  
Gallons ..... " "

Liquid Elastigum  
Black Roof Coating

1 Gallon Cans ..... Per Gallon  
5 " " " " " "



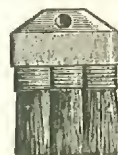
Asphalt Paint—Black

1 Gallon Cans ..... Per Gallon  
5 " " " " " "  
30 " Barrels ..... " "  
50 " " " " " "

**GRAPHITE PAINT—Black**

For Painting Steel Work

1 Gallon Cans ..... Per Gallon

**ROOFING BRUSHES**

Gray Fibre

2 Knot Brush ..... Each \$1.50  
3 " " " " " 1.75



## WIRE

## ANNEALED STEEL WIRE



Illustration of a 12 lb. coil, called a stone.

Gauge No.	Black	Galvanized
Per Stone	16 18 20	18

*Stones of wire are paper wrapped.*

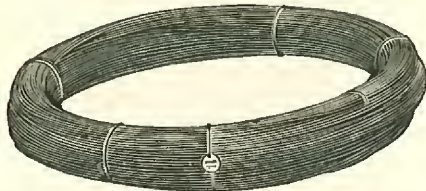
































Illustration of 100 lb. Coil of Black Annealed Wire.

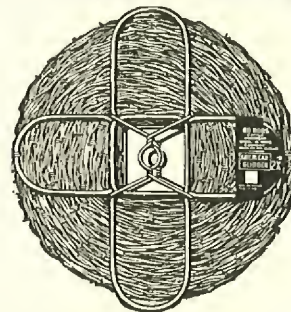
Gauge Nos.	6-8-9	10	12	14
Extra Per Cwt. for Size and Annealing...	\$ .15	\$ .20	\$ .30	\$ .50

*Not wrapped.*

## STEEL WIRE SIZE AND WEIGHT CHART

American Steel & Wire Co.'s Steel Wire Gauge.						
Fraction	Sizes of Wire Inches Decimal	Gauge No.	Full Sizes Plain Wire	Pounds Per Foot	Feet Per Pound	
$\frac{9}{32}$	.2830	1		.2136	4.681	
	.28125			.211		
$\frac{1}{4}$	.2625	2		.1838	5.441	
	.250			.1667		
	.2437	3		.1584	6.313	
						
$\frac{7}{32}$	.2253	4		.1354	7.386	
	.21875			.1276		
	.2070	5		.1143	8.750	
						
$\frac{3}{16}$	.1920	6		.0983	10.17	
	.1875			.0937		
	.1770	7		.0835	11.97	
						
$\frac{5}{32}$	.1620	8		.070	14.29	
	.15625			.0651		
	.1483	9		.0586	17.05	
						
$\frac{1}{8}$	.1350	10		.0486	20.57	
	.1250			.0416		
	.1205	11		.0387	25.8	
						
$\frac{3}{16}$	.1055	12		.0296	33.69	
	.09375			.0234		
	.0915	13		.0223	44.78	
	.0800	14		.0170	58.58	
	.0720	15		.0138	72.32	
						
$\frac{1}{16}$	.0625	16		.0104	95.98	
						
	.0540	17		.0077	128.6	
	.0475	18		.006	166.2	
	.0410	19		.0044	223.0	
	.0348	20		.0032	309.6	
	.0317	21		.002680	373.1	
	.0286	22		.002182	458.4	
	.0258	23		.001775	563.3	
	.0230	24		.001411	708.7	

## GALVANIZED BARBED WIRE



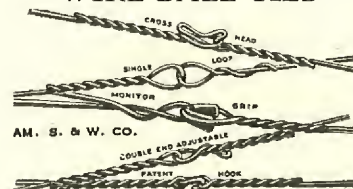
Two Point Cattle Wire, Barbs 5" apart. Strand wire 12½ gauge, barbs 14 gauge. Price, 80 rod spools, Per Spool.

## GALVANIZED FENCE WIRE

100 lb. Coils

Gauge Nos.	9	10	12
Extra Per Cwt. for Size and Galvanizing	\$.60	\$.65	\$.80

## WIRE BALE TIES



For Baling Paper, Rags, Hay or Straw. Single Loop Bale Ties, Black Annealed Wire.

14 Gauge, 8 ft. long, 250 Ties in a bundle. Price Per Bundle.

## SPOOLED WIRE



## BLACK ANNEALED STEEL WIRE

Half Pound Spools.

Gauge No.	16	18	20	22	24
Per Spool	\$.15	\$.17	\$.18	\$.20	\$.20

## TINNED ANNEALED STEEL WIRE

Half Pound Spools.

Gauge No.	16	18	20	22	24
Per Spool	\$.20	\$.22	\$.23	\$.25	\$.25

## TINNED ANNEALED HAIR WIRE

1 Oz. Spools.

Gauge No.	20	30	32
Per Spool	\$.05	\$.05	\$.05

## SOFT COPPER WIRE

Quarter Pound Spools.

Gauge No.	16	18	20
Per Spool	\$.20	\$.20	\$.20

## SPRING BRASS WIRE

Quarter Pound Spools.

Gauge No.	16	18	20
Per Spool	\$.20	\$.20	\$.20

1 oz. and quarter pound spools, 12 in a box.  
Half pound spools in bulk.



## FLY SCREEN WIRE CLOTH



All widths 100 lineal feet in a roll. Will cut to length.

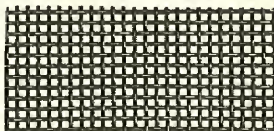
Widths.....	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	48"
Black 12 Mesh.....										Price per	100	square	feet	on application.
Galvanized 12 Mesh.....										" "	100	"	"	"
Hard Bronze 14 Mesh.....										" "	100	"	"	"
Hard Bronze 16 Mesh.....										" "	100	"	"	"

## FINE MESH BRASS WIRE CLOTH



This cloth is much used for, obscuring screens in bank and office windows. 40 Mesh Brass Strainer Cloth carried in stock in 24", 30" and 36" widths. We will cut to the length desired. Waste in cutting to width will be charged for. Full rolls contain 50 lineal feet. Price per square foot.....

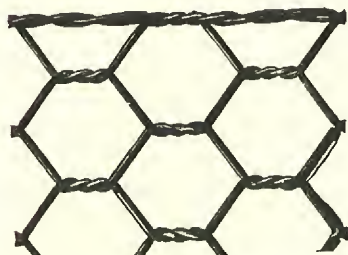
## GALVANIZED HARDWARE WIRE CLOTH



Suitable for guards over cellar window, guards about machinery, partitions in stock rooms, etc. Galvanized after weaving, square mesh.

All widths 100 lineal feet in a roll. Will cut to length.

									Full Rolls
									Per 100 sq. ft.
1/2" Mesh, 18 Gauge Wire, 18" wide.....									" " " "
1/2" " 18 " " 24", 30", 36", 42" and 48" wide.....									" " " "
3/8" " 20 " " 18" wide.....									" " " "
3/8" " 20 " " 24", 30", 36", 42" and 48" wide.....									" " " "
1/4" " 22 " " 18" wide.....									" " " "
1/4" " 22 " " 24", 30", 36", 42" and 48" wide.....									" " " "
1/8" " 26 " " 30" wide.....									" " " "

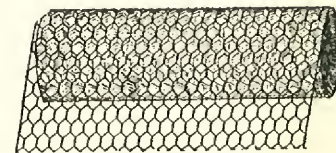


POULTRY NETTING  
GALVANIZED AFTER WEAVING  
HEXAGONAL MESH

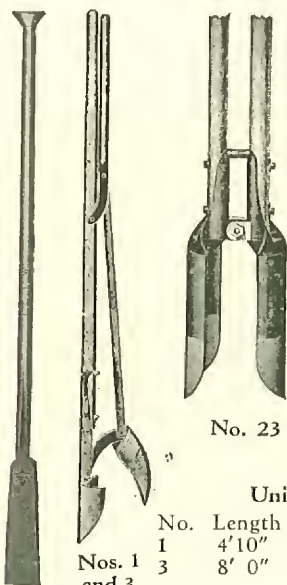
Cannot Cut Rolls

## LIST PRICE PER ROLL

Width .....	12"	18"	24"	36"	48"	60"	72"
2" Mesh, 20 Gauge Wire.....							
50 Lineal Foot Rolls.....	\$ .72	\$1.03	\$1.31	\$ 1.78	\$ 2.38	\$ 2.97	\$ 3.56
150 " " ".....	2.14	3.08	3.92	5.35	7.13	8.91	10.69
2" Mesh, 16 Gauge Wire.....							
150 Lineal Foot Rolls.....					16.50	20.63	24.75
1" Mesh, 20 Gauge Wire.....							
50 Lineal Foot Rolls.....	1.65	2.37	3.03	4.13	5.50	6.88	8.28
150 " " ".....	4.95	7.12	9.08	12.38	16.50	20.63	24.75







### POST HOLE DIGGERS

No. 88 Steel Bar Post Hole Digger 5½ ft. long, 1" diameter, Chisel Point, 3" wide, Tamping Head, 2½" diameter. Will cut any shape hole. The best digger for stony ground. Weight 17 lbs. Price each.....\$2.00

No. 23 Hercules Post Hole Digger, length 5 ft., Blade 9" long, Weight 10 lbs.

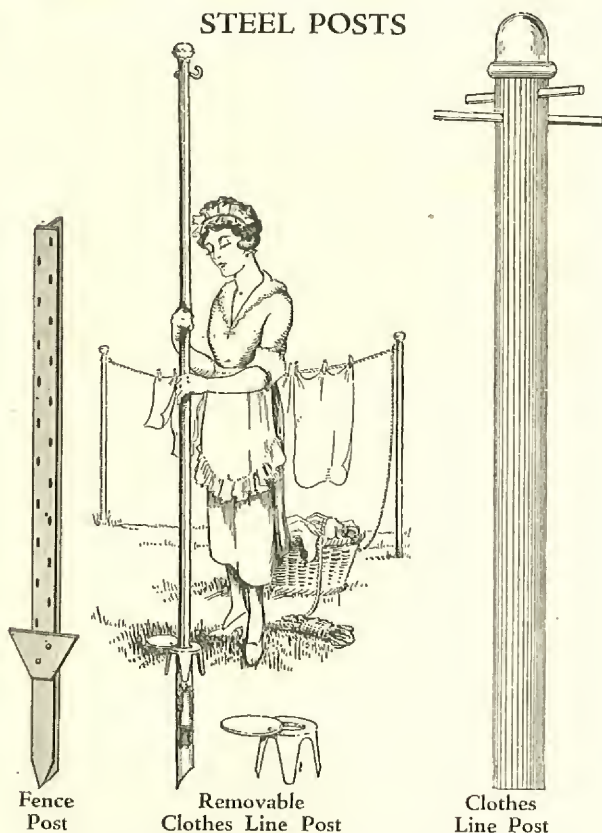
No. 23 Price each.....\$2.25

### Universal Post Hole Digger

No.	Length	Will Dig	Weight	Each
1	4' 10"	2' 10"	17 lbs.	\$3.00
3	8' 0"	5' 11"	18 "	4.50

No. 88

### STEEL POSTS



Fence Post

Removable Clothes Line Post

Clothes Line Post

### STEEL FENCE POSTS—"T" Section 1⅜x1⅜x⅜"

Baked Enamel Finish

Length feet	5	5½	6	6½	7
Each	\$ .60	\$ .65	\$ .70	\$ .75	\$ .80

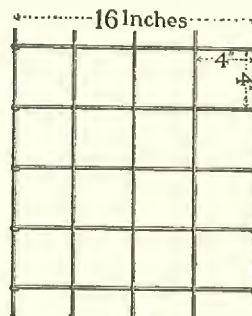
### REMOVABLE CLOTHES LINE POSTS

Made of 1½" Steel Tube 7 feet long. Steel socket 24" long is driven into ground. Posts extend into socket 8". Hook at top. Aluminum finish. Each.....\$3.50

### STATIONARY STEEL CLOTHES POSTS

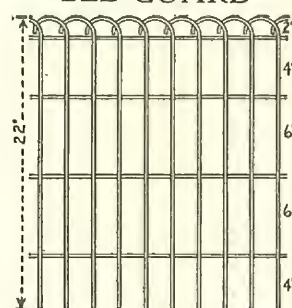
Made of 3" tube, 10 ft. long, wood ball top and steel cross arms. Painted green. Each.....\$2.50

### WIRE TRELLIS



Nos. 516 and 620

### WIRE FLOWER BED GUARD



No. 222

### WIRE TRELLIS—Galvanized

Made of 12½" Gauge Wire and Mesh is 4x4". Full rolls contain 100 lineal ft.

No. 516 16" wide.....Per running foot  
620 20" " " " " "

### WIRE FLOWER BED GUARD—Galvanized

No. 222 made of No. 9 Gauge Wire, 2⅞" between pickets and 22" total height. To erect simply push pickets into the ground. Per running foot.....

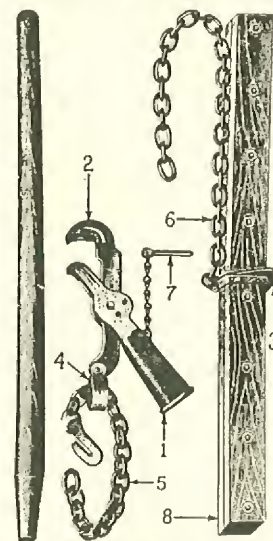
### THE "VERIBEST" WIRE FENCE STRETCHER

Is suitable for all makes of wire fence. One man can operate it easily. The pull is evenly distributed over the entire area of the fence fabric and when proper tension is procured it locks automatically and holds the fence for stapling.

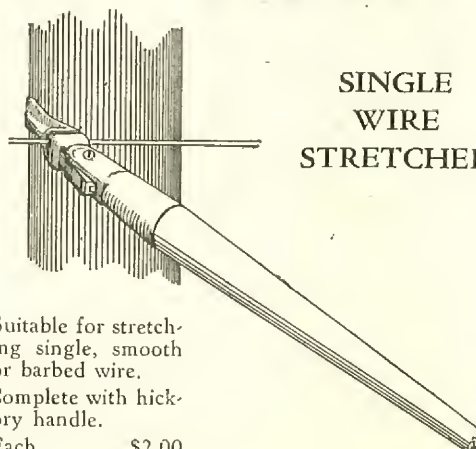
The illustration shows the size of handle necessary to obtain proper leverage. However, we do not furnish the handle, as a piece of hard wood or steel pipe from 5 to 7 feet long will answer.

The fence is laid between the two hardwood strips which are then bolted tightly together.

Price each.....\$9.00



### SINGLE WIRE STRETCHER



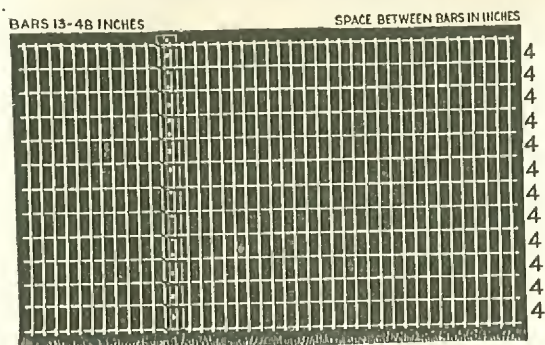
Suitable for stretching single, smooth or barbed wire.

Complete with hickory handle.

Each.....\$2.00

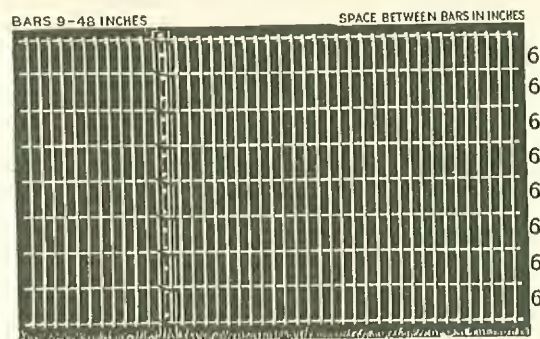


## PITTSBURGH PERFECT WIRE FENCE—ELECTRICALLY WELDED PLAIN LAWN FENCE



17/8x4" Mesh. All No. 11 Wire  
100 Foot Rolls

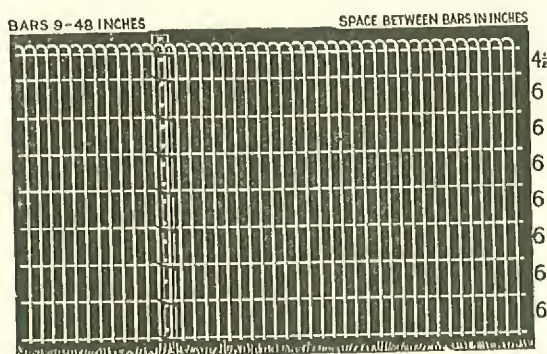
Style No.	Number of Bars	Height Inches	Between Stays In.	Weight Per 100 Ft.	List Per 100 Ft.
724P	7	24	17/8	78 lbs.	\$14.00
1036P	10	36	17/8	112 "	20.00
1348P	13	48	17/8	147 "	25.00



27/8x6" Mesh. All No. 9 Wire  
100 Foot Rolls

Style No.	Number of Bars	Height Inches	Between Stays In.	Weight Per 100 Ft.	List Per 100 Ft.
736M	7	36	27/8	115	\$19.00
842M	8	42	27/8	133	21.00
948M	9	48	27/8	150	24.00

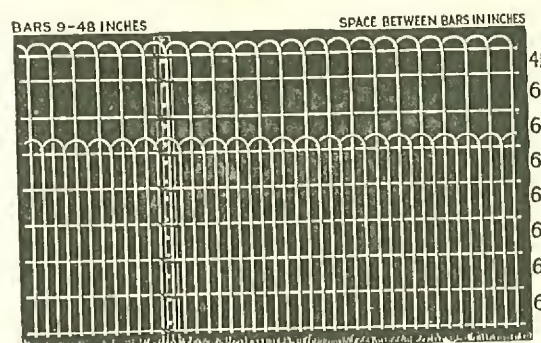
### SCROLL TOP LAWN FENCE



27/8x6" Mesh. All No. 9 Wire  
100 Foot Rolls

Style No.	Number of Bars	Height Inches	Between Stays In.	Weight Per 100 Ft.	List Per 100 Ft.
736R	7	36	27/8	121 lbs.	\$21.00
842R	8	42	27/8	138 "	22.50
948R	9	48	27/8	156 "	25.00

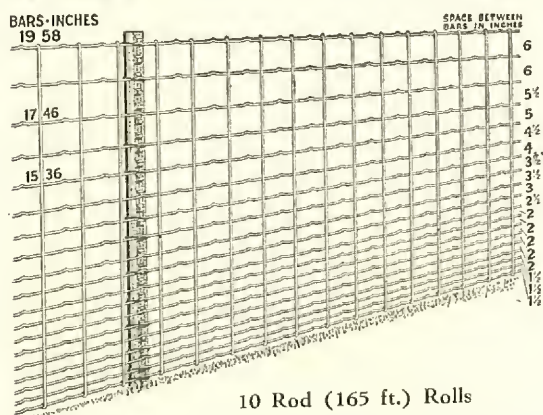
### DOUBLE SCROLL LAWN FENCE



100 Foot Rolls—6" Between Bars

Style No.	Number of Bars	Height Inches	Between Stays In.	Weight Per 100 Ft.	List Per 100 Ft.
All Wires No. 9 Gauge.					
736X	7	36	27/8 & 1 3/8	161	\$28.00
842X	8	42	27/8 & 1 3/8	188	31.00
948X	9	48	27/8 & 1 3/8	215	35.00
All Wires No. 11 Gauge.					
736Y	7	36	27/8 & 1 3/8	108	21.00
842Y	8	42	27/8 & 1 3/8	126	23.50
948Y	9	48	27/8 & 1 3/8	147	27.50

### POULTRY AND GARDEN FENCE

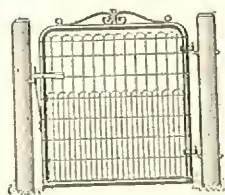


10 Rod (165 ft.) Rolls

Regular Weight. Top and Bottom Wire 10 Gauge. Other Wires 13 Gauge.

Style No.	Number of Bars	Height Inches	Between Stays In.	Weight Per Rod	List Per Rod
1536	15	36	6	8.7 lbs.	\$1.30
1746	17	46	6	10.1 "	1.52
1958	19	58	6	11.6 "	1.73

Special Wire Fence Catalogue sent on request.

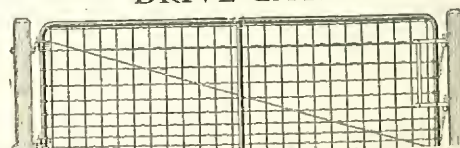


### WALK GATES

Ornamental Scroll Top Tubular Frame covered with Double Scroll Lawn Fence, with hinges and latch for attaching to wood post.

Width Opening	Height of Gate	Weight	List Each
3 feet.....	36"	21 lb.	\$6.65
3 ".....	42"	22 "	6.85
3 1/2 ".....	36"	26 "	7.75
3 1/2 ".....	42"	27 "	8.00

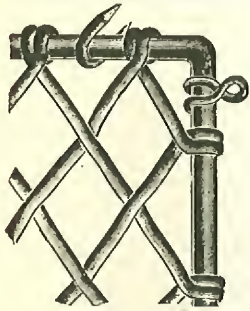
### DRIVE GATES



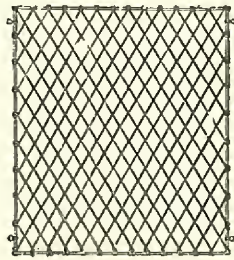
Plain Tubular Frame with vertical and diagonal braces and fittings for wood posts. Covered with 9 Gauge Field Fence. 10 to 14 ft. wide, 36 to 48" high. Not carried in stock.



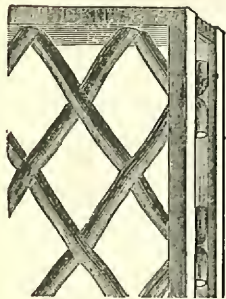
## WIRE GUARDS FOR WINDOWS



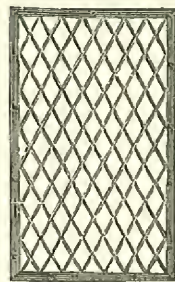
No. 40



No. 40



No. 9



No. 9

Wire window guards are made to order only. Furnished regularly in No. 12 wire, and  $1\frac{1}{4}$ " diamond mesh (measured between parallel sides). Made with round steel frame, which is the least expensive or with channel frame. Can be equipped with hinges and hasps. In ordering give extreme dimensions and state which is height. Price dependent on size and quantity required.

## SCREEN DOOR GUARDS

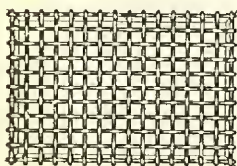
No. 153 Flat Steel Wire  
Brassine Finish

Guards can be cut down to suit.  
 $1\frac{1}{4}$ " square spaces.

2 Stock Sizes

24x28" Each .....\$2.75  
24x32" " ..... 3.00

Crating extra.

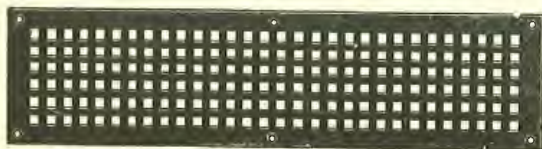


## GRILLES



No. 60

For use in store fronts under show windows. Made in Brass Metal, any size and finish desired. State dimensions of opening and overall size. If screw holes are wanted or lugs for fastening from back, send sketch showing location.



No. 570

Holes are  $\frac{1}{2}$ " square. Bars are  $\frac{1}{4}$ " wide. Made of 12 Gauge Steel or Brass Metal in any finish, and up to 30x84 inches in size. Interior dimensions must be in multiples of  $\frac{3}{4}$ ". If screw holes are wanted they must be located.

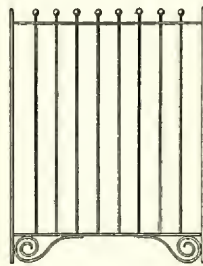
## CASHIERS WINDOW GRILLES

## No. 20 or No. 21

Made to order at factory. Size 18" wide x 24" high. Center upright bars  $\frac{5}{16}$ " round.

No. 21 is same as No. 20 except is without bottom scrolls and is same price. Made of wrought steel.

Dead Black Finish.....	Each	\$21.00
Antique Copper Finish.....	"	27.00
Brass Plated Finish.....	"	27.00



No. 20

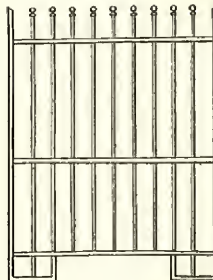
## No. 24 or No. 25

Size 22" wide x 30" high. Center upright bars  $\frac{5}{16}$ " round.

No. 25 is same as No. 24 except is open entire width as bottom and is same price.

Made of wrought steel.

Dead Black Finish.....	Each	\$22.00
Antique Copper Finish.....	"	28.00
Brass Plated Finish.....	"	28.00



No. 24

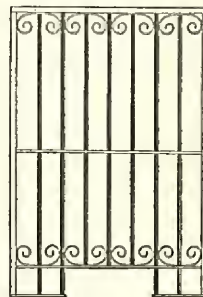
## No. 30 or No. 31

Size 22" wide x 30" high. Center upright bars  $\frac{5}{16}$ " square.

No. 31 is same as No. 30 except is open entire width at bottom and is same price.

Made of wrought steel.

Dead Black Finish.....	Each	\$30.00
Antique Copper Finish.....	"	37.50
Brass Plated Finish.....	"	37.50



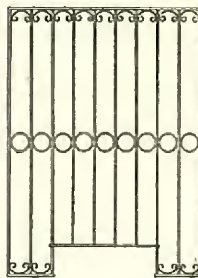
No. 30

## No. 34

Size 24" wide x 30" high. Center upright bars  $\frac{5}{16}$ " square.

Made of wrought steel.

Dead Black Finish.....	Each	\$41.00
Antique Copper Finish.....	"	49.00
Brass Plated Finish.....	"	49.00



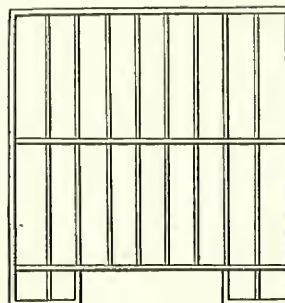
No. 34

## Nos. 50 and 52

Size 34" wide x 32" high. All Brass Metal Polished. No. 50 Solid Brass Bar Frame  $\frac{3}{4}$ x $\frac{5}{16}$ ". Center uprights  $\frac{3}{8}$ " square brass tubing. Each.....\$49.00

No. 52 same as No. 50 except center uprights are solid brass bars  $\frac{3}{8}$ x $\frac{3}{8}$ ". Each.....\$65.00

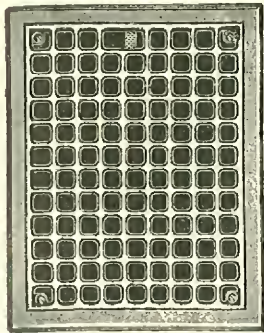
Also furnished open entire width at bottom at same price. Grilles can be made any size desired.



Nos. 50 and 52



## REGISTERS AND VENTILATORS



### REGISTERS

Japanned steel with louvre valves operated by slide knob at one side.

Note that the rated size is the opening size and the actual overall size is greater.

Register faces are exactly the same as the top plate of corresponding size of register, and are interchangeable.

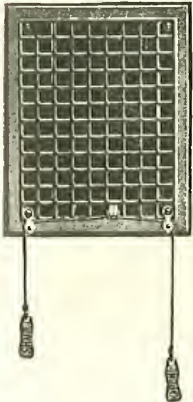
#### No. 200

Opening Size	Overall Size	Complete Register List	Face Only List
4x 8"	5 1/4 x 9 1/4"	\$ 1.50	\$ .60
6x 8"	7 3/4 x 9 3/4"	1.55	1.00
8x10"	9 3/4 x 11 3/4"	1.65	1.10
9x12"	10 7/8 x 13 7/8"	2.10	1.45
10x12"	12 x 14 "	2.35	1.65
12x14"	14 x 16 "	4.35	2.80
14x16"	16 1/4 x 18 "	8.50	4.30
*16x18"	18 1/4 x 20 1/4"	12.00	5.30
*18x24"	20 3/8 x 26 3/8"	21.50	8.35
*24x24"	26 3/8 x 26 3/8"	30.00	12.00

Many other sizes can be furnished.

\* These sizes not carried in stock and are f. o. b. factory.

### VENTILATING REGISTERS



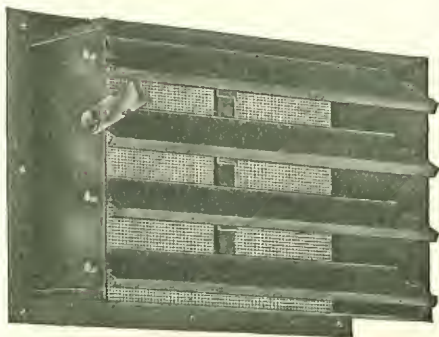
#### No. 80

Use the regular registers shown above in connection with the following items.

Buttons for holding register in wall or ceiling. Per set of 4.....	\$ .20
Pulleys for wall.....	Each .20
Pulleys for ceiling.....	" .20
Handle Pulls "Open" and "Shut" .....	" .15
Braided Cord, Per Yd.....	.06
Chain " " .....	.10

Illustration at left shows register arranged for wall ventilator.

### GARAGE VENTILATOR



It is usually necessary to ventilate a garage in the winter to keep it from sweating.

In order to have a free circulation of air, two ventilators should be used.

This ventilator can be installed in place of a small light of glass in door or window as it is made in two common glass sizes. Made of galvanized

steel and finished in black Japan. Fitted with lever and chains for opening and closing.

8x10 Garage Ventilator. Each.....	\$4.50
9x12 " " .....	5.00

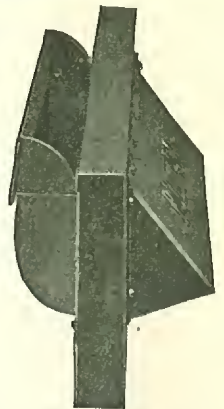
### SASH VENTILATORS

#### THE PULLMAN SASH VENTILATOR

For mounting on the bottom rail of lower sash of windows in new and old buildings.

Especially adapted for Hospitals, Schools, Churches and Public Buildings.

Inside Diffusion Box made of sheet brass with hinged shutter to stay in any position from open to closed. Dull Brass Finish. Outside hood made of steel fitted with 14 Mesh Copper Screen Cloth and finished in Dull Black Lacquer. Opening required in sash rail 2x12". Each.....\$4.00



The Yawman Sash Ventilator requires opening in sash rail of only 1 1/2 x 4". Shutter is in the sash. Flat Screen outside instead of hood.

All brass, dull brass finish. Each.....\$2.25

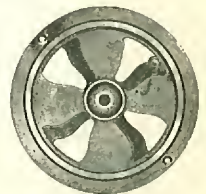
Other sizes to order.

### ROUND VENTILATOR

This Ventilator has no body to go into the wall. It is simply screwed or riveted to face of wall, and over opening that has been made for it.

#### Japanned Cast Iron

4" Round Ventilator. Each.....	\$ .60
6" " " .....	.75

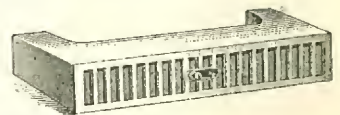


### WALL VENTILATORS

#### Air Bricks With Shutter

##### Cast Iron 4" deep.

No. 15—2 1/2 x 8 1/2	One Brick size.....	\$1.25
No. 16—5 x 8 1/2	Two Brick size.....	2.00



#### AIR BRICKS

##### Without Shutters

##### Cast Iron

No. 7—7 1/2 x 12". Each.....	\$2.50
8—10 1/2 x 12" " .....	3.00



### FOUNDATION GRATINGS

#### Cast Iron

##### No. 109 Diamond Pattern

Size 6x 8".....	Each \$ .35
" 8x12".....	" .60
" 8x16".....	" .65
" 12x18".....	" 1.00

Twelve in a bundle.



### FOUNDATION GRATINGS

#### Cast Iron

##### No. 1 Vertical Bar Pattern

Size 8x10".....	Each \$ .75
" 8x12".....	" .90
" 8x16".....	" 1.20
" 10x12".....	" 1.00

Twelve in a bundle.

Other sizes of Cast Iron Gratings can be furnished to order.





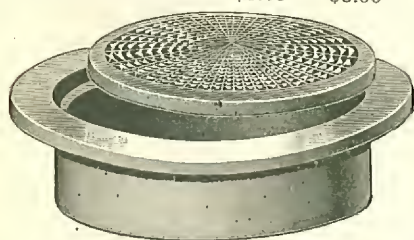
## CAST IRON FRAMES AND COVERS

### SIDEWALK FRAMES AND COVERS



Medium Weight.  
Flush Drop Handle.  
Eye underneath for  
fastening down  
from inside.

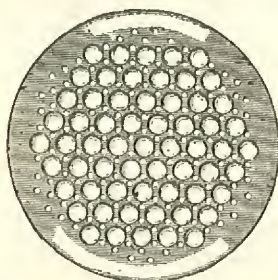
	No. 235				
Opening size.....	16 "	18 "	20 "	24 "	30 "
Overall size.....	19 1/4 "	21 1/4 "	23 1/4 "	27 1/4 "	33 1/4 "
Weight lbs. ....	49	64	74	104	155
Each .....	\$6.00	\$8.00	\$9.00	\$12.50	\$20.00



Heavy Pattern. Eye  
underneath. No. 15 is  
heavy enough for  
street use.

Opening Size.....	No. 14	17"	No. 15	21"
Overall .....		24"		29"
Weight lbs. ....		115		170
Each .....		\$12.00		\$16.50

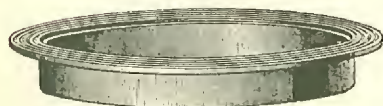
### ILLUMINATED COVERS WITH RINGS



Fitted with 1 3/4" round  
bulls eye glass set in melt-  
ed sulphur and protected  
with raised spuds as  
shown.

Note the liberal number  
of glass in each size.

Covers 24" and larger  
with two flush lifting  
handles. All size covers  
have eye underneath for  
fastening.



No. 80

Not carried in stock

Opening size	14"	16"	18"	20"	24"	30"	36"
Number of Glass.....	27	33	41	45	68	90	144
Each .....	\$19.00	\$23.00	\$26.00	\$32.00	\$40.00	\$64.00	\$80.00

### BOLTED CISTERN RINGS AND COVERS



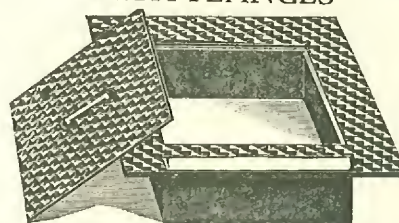
Used for Cistern and Septic Tank Covers.

These covers are light weight and are not intended for street or sidewalk use. Covers are bolted on from outside.

No.	Opening Size	Overall Size	Thickness	Weight	Each
45.....	17"	19 1/2"	1 1/4"	40	\$7.00
46.....	19"	21 1/2"	3/8"	56	8.00

### SQUARE COVERS AND FRAMES WITH FLANGES

Flush  
Handle



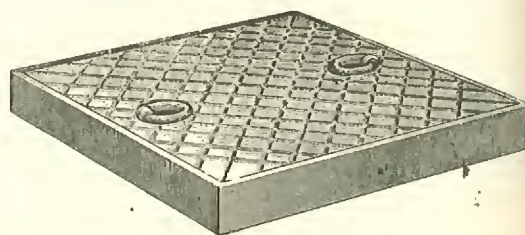
All Frames  
4" deep un-  
der flange.

No.	16	17	18	19	20A
Opening size.....	16x16	18x18	20x20	22x22	30x30
Overall size.....	22x22	24x24	26x26	28x28	37x37
Thickness of lid.....	7/8"	3/8"	3/8"	3/8"	1 1/2"
Weight lbs. ....	84	92	104	119	273
Each .....	\$10.50	\$11.50	\$13.50	\$15.00	\$35.00

Above frames and covers shipped from factory.

### SQUARE COVERS AND FRAMES WITHOUT FLANGE

Flush  
Ring  
Handle

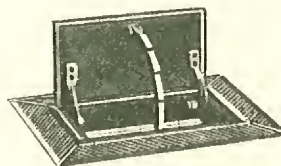


All  
3"  
deep

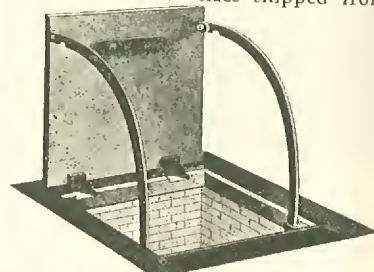
	No. 237				
Opening size.....	10x10	16x16	22x22	24x24	24x30
Cover size.....	11x11	17x17	23x23	25x25	25x31
Overall size.....	12x12	18x18	24x24	26x26	26x32
Each .....	\$ 6.00	\$12.00	\$22.00	\$27.50	\$35.00

10x10" and 16x16" carried in stock. Other sizes shipped from factory.

### CAST IRON SIDE WALK DOORS



Ventilator Door



Single Sidewalk Door

**SIDEWALK VENTILATOR DOOR No. 150**  
Flush and water proof. Unlocks from inside only. Clear opening 6x12". Each .....

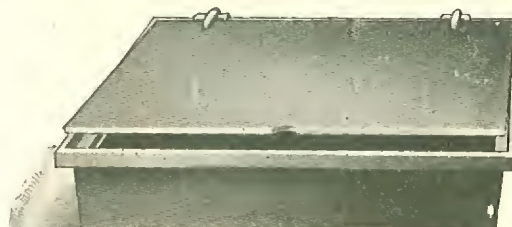
**SINGLE SIDEWALK DOOR No. 120**  
Door, Hinges and Handle are flush. Checkered surface door. Water drain in frame.

Opening size .....	*24x18"	24x24"	30x30"	*36x30"
Each .....	\$43.00	\$60.00	\$80.00	\$96.00

Note:—Overall size is 9" greater each way. Depth is 4". Shipped from factory.

\* Hinges are on the long side.

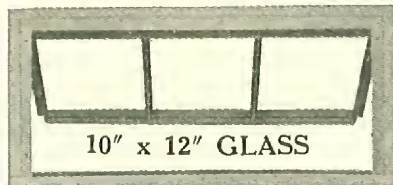
### PLUMBERS VALVE OR CLEANOUT BOX



No.	Opening Size	Overall Size	Weight	Each
No. 7.....	8x 8"	10x10"	20 lbs.	\$5.00
	12x12"	14x14"	40 "	8.00



## STEEL CELLAR FRAMES AND SASH

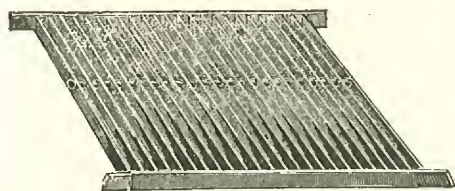


Fitted with hinges and latch ready to set in opening and glaze. Can be used in any kind of wall. Glass and putty not included. Painted

one coat. More glass area for same size opening than with wood sash. Will not burn, warp, swell or stick, weather proof.

Size	Frame Overall	Each
10x12—3 Lt.	1' 3"x2'10"	\$5.50
10x20—3 Lt.	1'11"x2'10"	6.00

## AREA GRATINGS



Made to order any size desired. Made with or without end bars. Standard size of filler bars is 1x1/4" with 1" space between. Price on receipt of full information.

## MILK AND PACKAGE RECEIVER



Painted Black

A cupboard in the outside kitchen wall for the milk and grocery delivery.

The inside door can be opened from the inside only.

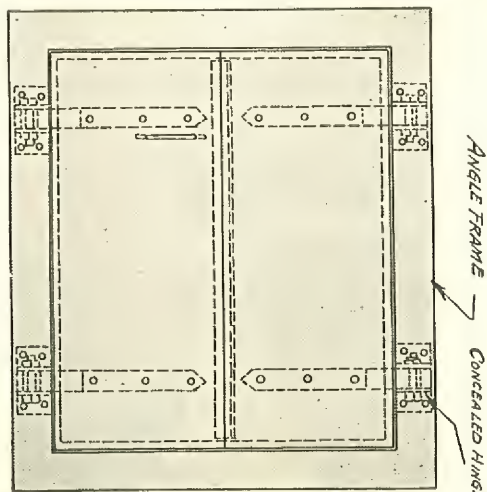
The outside door can be unlocked from the inside only.

When the delivery man has deposited his goods in the receiver and closed the door, it cannot be reopened from the outside.

Two Cast Iron Frames and Doors with steel body between, adjustable for walls 8 to 14" thick.

No.	Frame Size	Wall Opening	Weight	Each
2.....	14x16 1/4"	11 1/2 x 14"	50 lbs.	\$9.90

## STEEL SIDEWALK DOORS



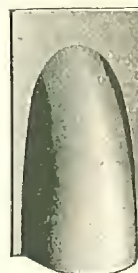
Checkered Steel Plate Doors in angle steel frame. Hinges underneath doors. Flush Handle. Inside locking bar or outside hasp as desired. Made to order any size. In ordering state size of opening and which is hinge side. Price on receipt of full information. Painted one coat.

## WHEEL GUARDS

Cast Iron—Painted Black



Style B



Style A2



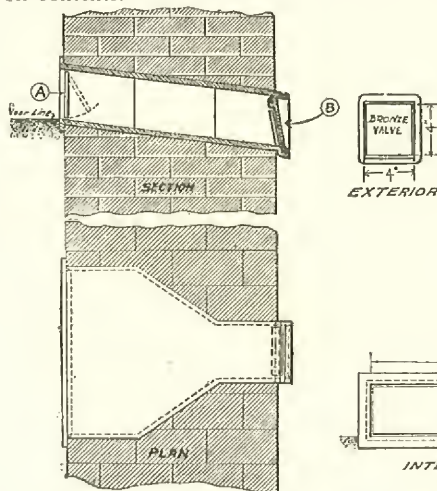
Styles C1 and S

Style	Height	Width	Projection	Each
B.....	16"	6 3/4"	6 "	\$ 4.50
A2.....	18"	10"	8 "	6.50
C1.....	24"	6x 6"	4 1/8"	7.50
S Automobile.....	18"	8 1/2 x 8 1/2"	7 "	14.00

## THE WINDSHIELD SCUPPER

There is no draft through this scupper, consequently, tenants do not stuff them with paper or rags, also there is no loss of heat through them.

The installation of scuppers saves from 2 to 5% in insurance rates on contents.



The casing of the Scupper is made of Cast Iron of the dimensions shown on illustration, the length depending on thickness of wall. Windshield has brass pivot hinges, making it swing freely. Exterior doors bronze metal.

Brass or copper windshields furnished for \$1.00 each over price of galvanized. Types E, A and M have removable reinforced grating at inlet. Windshield in type E is in narrow part.

Type	S	K	L	E	A	M
Thickness	3/8"	3/8"	1/4"	1/4"	3/8"	1/4"
Windshield	Brass	Galvd.	Galvd.	Copper	None	None
Thickness of wall						
6 to 7"	\$ 7.25	\$ 6.25	\$5.45	\$3.65	\$4.60	\$3.25
8 " 9"	7.40	6.40	5.60	3.95	4.95	3.55
10 " 11"	7.70	6.70	5.85	4.20	5.35	3.80
12 " 13"	7.95	6.95	6.10	4.55	5.50	4.15
14 " 15"	8.30	7.30	6.40	4.90	5.75	4.50
16 " 17"	9.35	8.35	7.35	5.35	6.60	4.95
18 " 19"	9.65	8.65	7.60	5.55	6.75	5.15
20 " 21"	9.80	8.80	7.80	6.05	7.00	5.65
22 " 24"	10.50	9.50	8.45		7.25	
26 " 30"	11.90	10.90	9.70			

Windshield Scupper catalogue on request.

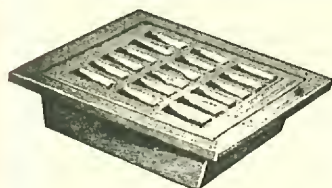






## IRON DRAINAGE AND SEWER CASTINGS

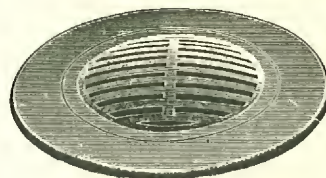
## FLOOR GRATES WITH FRAMES



No. 238

Frame	Grate	Each
12x12"	9 1/2 x 9 1/2	\$4.00
16x16"	13 1/2 x 13 1/2	5.75
Grates only for No. 238		
9 1/2 x 9 1/2"	Each	\$2.00
13 1/2 x 13 1/2"	"	3.00
Carried in stock.		

## CATCH BASIN GRATE



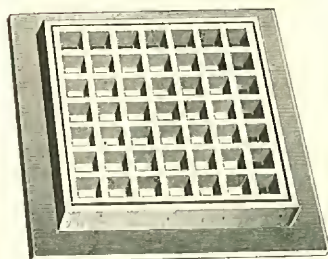
No. 48

Opening diam. 22", Grating diam. 24", Overall diam. 40", Weight, Frame 260 lbs., Grate 90 lbs.

Price complete.....\$34.00

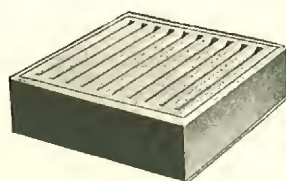
## GRATES WITH FRAMES

For Street Use



No. 40

Channel Boxes



Nos. 41 and 42

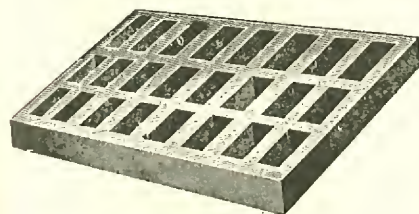
## CHANNEL BOXES with Removable Grating

No. 41	16x16". Each.....	\$18.00
42	16x32" ".....	30.00

## No. 40 SQUARE SEWER GRATE with FRAME

Base 29 1/2" square, Top 24" square, Grate 22" square, Height 3 1/2", Base 1" thick, Cross Bars are 2 1/2 x 3/4", Holes 2 1/4" square, Weight complete 275 lbs. Each.....\$27.00

Not carried in stock.



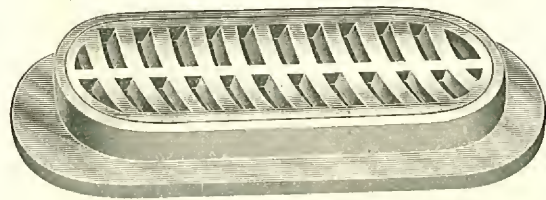
## EXTRA HEAVY GRATING

Street Use

Not carried in stock.

No.	Size	Thickness	Weight	Each
70	15 x 21 "	2 "	62 lbs.	\$ 6.00
71	16 1/4 x 26 1/4 "	2 "	108 "	9.00
72A	17 x 26 1/2 "	2 "	112 "	11.00
73	24 x 24 "	2 1/2 "	135 "	13.00

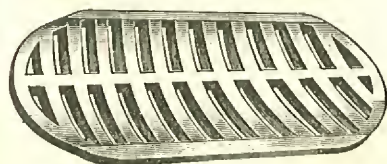
## PARK OR GUTTER DRAIN



No. 22—Not carried in stock.

Size of frame overall 19 1/2 x 31", Height at end 3 1/2", at side 5", size of grate only 12 1/2 x 24 1/4 x 1 3/8", Weight complete 97 lbs.

Price complete .....\$16.00



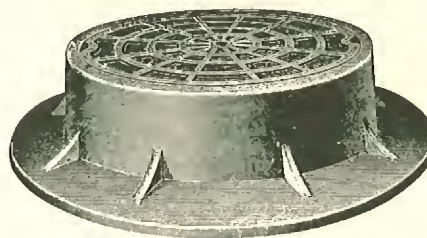
## GUTTER GRATE

No. 02

Not carried in stock.

Size 12 1/4 x 24 1/4", Weight 55 lbs. Each.....\$7.00

## MAN-HOLE FRAMES AND COVERS



No. 60 and No. 61

Will stand heaviest street traffic.

Top diameter overall 24", Diameter of cover 22 1/2". Total depth 7 1/2". Depth above flange 6".

No.	Flange	Overall Diam.	Weight	Each
60	3"	30"	285 lbs.	\$30.00
61	7"	38"	290 "	36.00

## LAMP HOLE SEWER GRATE



Very Heavy

No. 62	Diam. Opening .....	11 1/2"
"	Cover .....	12 3/4"
"	At top .....	14 3/4"
"	" bottom .....	22 "
	Height .....	12 "
	Weight .....	122 lbs.
No. 62	Complete. Each .....	\$18.00

## MAN-HOLE GRATE

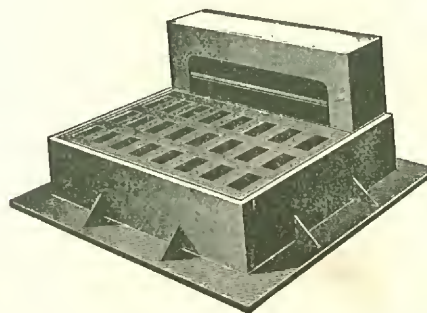


No. 63 Complete

Heavy  
No. 63

Diam. Opening ..	20"
" Grating .....	23"
" at top .....	26"
" at bottom .....	34"
Height .....	9"
Weight .....	330 lbs.
Each .....	\$36.00

## SIDE INLET FOR SEWER



No. 64

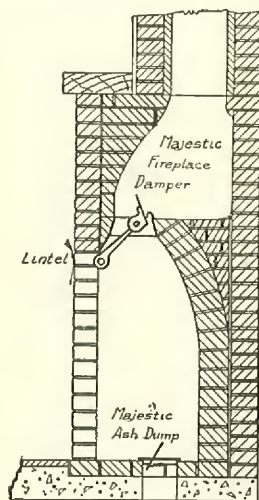
Extreme size of Base 32x96". Size of box, including back, 24x28". Size of grate only 17x27". Depth in front 7 1/2". Depth at back 17 1/2". Size of extreme top 6x28". Ave. weight, 450 lbs.

No. 64 complete  
Each.....\$45.00

Street sewer castings not carried in stock.



## MAJESTIC DOME FIREPLACE DAMPERS

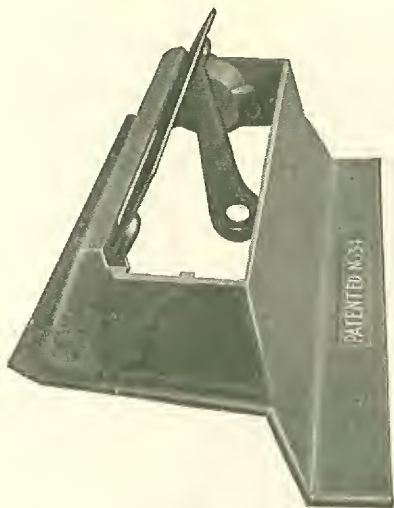


A dome damper forms the throat necessary for a satisfactory fireplace. It also keeps out the soot, dirt and rain during the months the fireplace is not used, and the damper regulates the draft when the fire is burning. Every fireplace in which wood or coal is to be burned should have a dome damper.

A smoke shelf should be built at the base of the chimney and the flue should have an area of not less than one-twelfth of the fireplace opening.

The Majestic built in lintel not only serves as a lintel but insures the proper installation of the damper. It can be set only in one position, and only at proper height. The valve is hinged at the back, thereby aiding the smoke shelf to turn the down draft back up the chimney. The friction operating lever holds the valve in any desired position.

## MAJESTIC DOME DAMPERS



Order by finished opening width. The overall width is about 4" greater in front and narrows towards the back.

Width of Finished Opening Size:

Size .....	26"	30"	34"	38"	42"
Each .....	\$8.25	\$9.00	\$9.90	\$11.10	\$12.30
Size .....	46"	50"	54"	58"	
Each .....	\$13.50	\$15.00	\$16.50	\$21.40	

One damper in a crate.

Fireplace plan sheet sent on request.

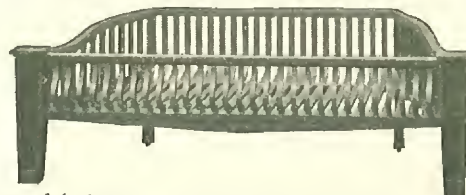
## FLAT FIREPLACE DAMPERS



Every fireplace should have a damper. When not used for regulating a fire, it keeps soot and rain from falling into room, and prevents the escape of large volumes of heat.

Size Opening .....	24"	30"
Price Each .....	\$3.80	\$5.00

## PORTABLE FIREPLACE GRATES



A graceful design in keeping with any fireplace. Made with ends that lift out so can be used for burning wood as well as coal. Order by front width.

Front width.....	24 "	28 "	30 "	34 "	40 "
Back ".....	15 "	15 "	15 "	15 "	15 "
Depth .....	12 1/2 "	16 1/2 "	18 1/2 "	22 1/2 "	25 1/2 "
Weight lbs.....	63	69	73	80	90
Each .....	\$9.00	\$10.00	\$10.50	\$11.50	\$13.50

## ANDIRONS

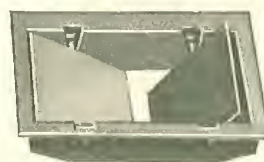
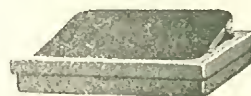


Cast Iron  
No. 1 Dead Black finish. Height 20 1/2". Price  
Per Pair .....\$11.00

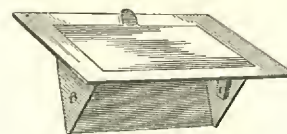
## ASH DUMPS

Cast Iron

No. 3 7x9" Heavy,  
Each .....\$1.25



No. 1 6 1/2 x 8 1/2" Auto-  
matic, Each.....\$1.50



No. 5 7x9" with Dust  
Guard, Each.....\$2.00  
No. 7 9x14" with Dust  
Guard, Each.....\$3.00

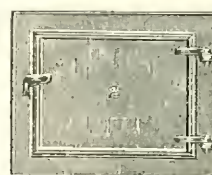
## ASH PIT DOORS

Cast Iron

Size given is dimension of  
wall opening.

Height is first size.

Size .....	Each
6x 8" .....	\$1.25
7x 9" .....	1.35
8x10" .....	1.50
10x12" .....	2.25
12x15" .....	3.50
16x20" .....	6.50
24x16" .....	9.00

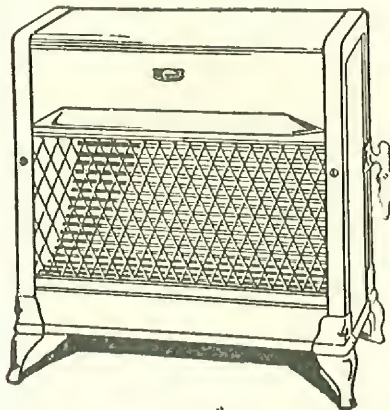


## STACK DOORS

Same as Ash Pit Doors except heavier and larger. Each  
24x18" Frame 28x22, All Cast .....\$14.00  
36x24" " 40x28, Steel Door .....18.00



## REZNOR GAS HEATERS

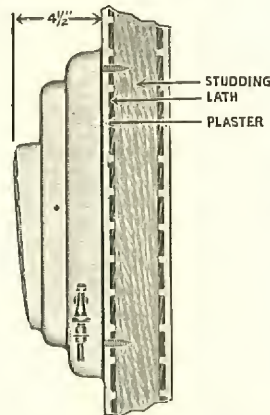
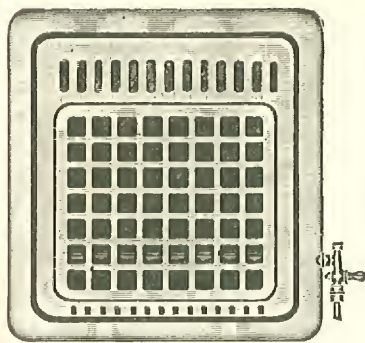


## PORTABLE REFLECTOR HEATER

The most satisfactory and economical type of gas heater. It is odorless. Can be used with or without 3" flue connection. Gas cock at side will take either hose or pipe connection. Electrically welded body in baked black Japan Nickered trimmings.

No.	Width	Height	Depth	Each
501.....	11 "	16"	9 1/2"	\$ 4.00
504.....	14 "	16"	9 3/4"	5.00
505.....	18 "	18"	10 "	6.50
506.....	22 "	18"	10 3/8"	8.00
510.....	25 1/2"	20"	10 3/4"	9.50
513.....	30 "	20"	11 "	11.00

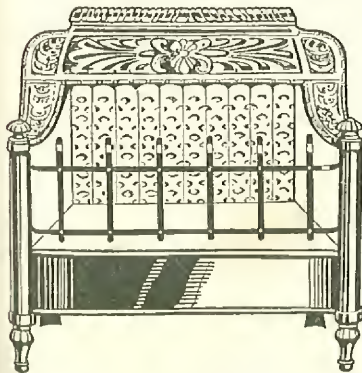
## WALL-HANG REFLECTOR HEATER



No. 32. For use in bed rooms, bath rooms, halls or wherever floor space is limited. It projects from the wall only 4 1/2", width is 16 1/2" and height 17". Finished in white porcelain enamel. Fastens to any wall with four screws. Gas connection for hose or pipe. Odorless. Flue connection not required.

Each .....\$15.00

## RADIANT FIREPLACE HEATER



The only radiant type heater with a self cleaning burner.

Silver plated reflector surfaces. Bodies sanded Copper finish. Brass plated finish at an extra cost of \$2.00 added to the list price.

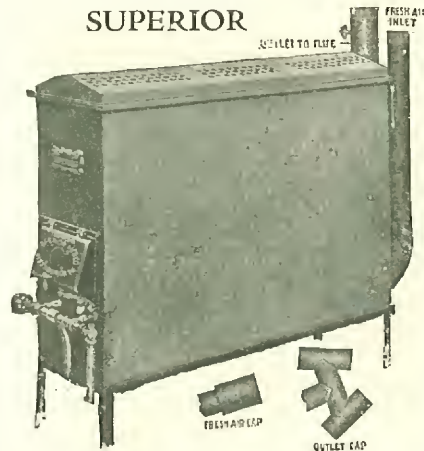
Reznor Radiant Fireplace Heaters in hand finished, and more ornate patterns can be furnished.

No.	Height	Width	Tubes	Each
608.....	20 1/2"	20 "	8	\$18.00
610.....	20 1/2"	22 1/2"	10	23.00
612.....	20 1/2"	25 "	12	28.00

Complete Reznor catalogue on request.

## GAS HEATERS FOR GARAGES AND SHOPS

## SUPERIOR



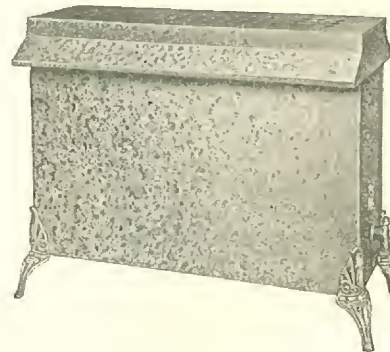
The Superior and cozy garage heaters differ only in size. Air is taken through a pipe from the outside of the building and flue outlet is through another pipe. Fitted with drilled burner and a basket of clay fuel. A pilot light makes it necessary to open the stove only once in a season. Door is gas tight. Special valve regulates gas flow. The smaller size will easily heat a double garage in zero weather. Gas connection is for 1/2" pipe. Body made of galvanized sheet steel. Inlet and outlet pipe 3"

diameter. Price includes two 30" lengths 3" pipe, one damper, 2 elbows and two rain caps for pipe.

	Length	Height	Width	Capacity Cu. Ft.	Each
Cozy.....	27"	37"	13"	3000	\$42.50
Superior.....	41"	37"	13"	6000	51.00

Circular sent on request.

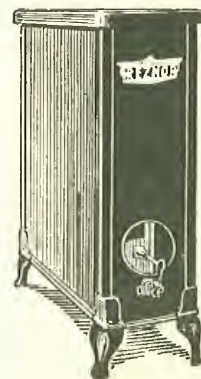
## WIZARD GARAGE HEATER



Length 21 1/2", Width 10". Made of galvanized sheet steel.

Intake and discharge covered with brass safety gauze. Needs no flue connection. Has hose cock for 1/8" pipe. Will heat a garage of from 1500 to 2000 cubic feet, and consumes about 10 ft. gas per hour. Weight 14 lbs. Wizard Garage Heater. Each.....\$10.00

## REZNOR GARAGE HEATER



Burns a yellow flame and having no mixer is free from the danger of back lighting. Can be used with safety without flue connection, although a flue connection is provided.

Body is made of heavy sheet iron, and enameled with a black baking Japan that will not rust.

We can supply a thermostat for this heater at list price of \$17.50 and which will regulate consumption of gas to the weather conditions.

No.	Length	Height	Width	Each
27.....	26 "	27 1/2"	9 1/2"	\$18.00
35.....	32 1/2"	28 1/2"	9 1/2"	21.00

## LEAD CONNECTING TUBES FOR GAS HEATERS

With brass union and with pipe connections each end.

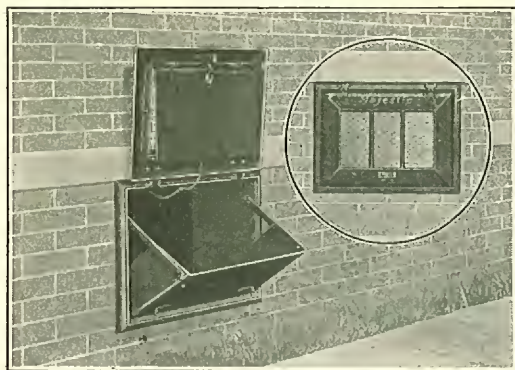
Tube is 1/8" size.

Length	12"	18"	24"	30"	36"	48"	60"	72"
Each	\$.50	\$.65	\$.80	\$.95	\$1.10	\$1.25	\$1.50	\$1.75



## MAJESTIC COAL CHUTES

MALLEABLE IRON FRAMES—STEEL BODIES



Sloping Bottom Chutes

Gravity Lock can be released by chain from first floor.

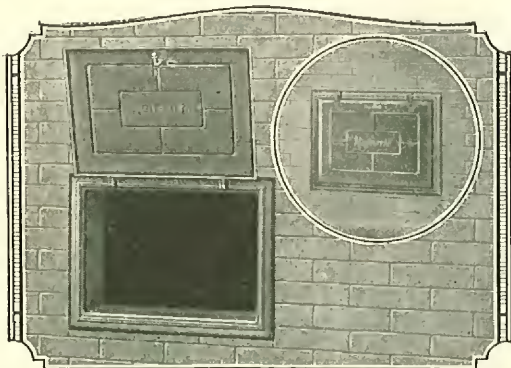
No.	Door	Hopper	Wall Wide	Opening High	Depth	Each
M10 A.....	Glass	With	24"	17"	13"	\$15.00
M10 C.....	"	Without	24"	17"	13"	13.50
M101B.....	Solid	With	24"	17"	13"	12.00
M101D.....	"	Without	24"	17"	13"	10.50
M203D.....	"	"	33"	22"	18"	21.30

The No. 10A and No. 10C Chutes are fitted with 1/4" wire glass panels, protected by steel shield when open. When closed the shield lies flat in the bottom allowing the daylight to shine into the coal bin.

The hopper is desirable when chute is so located that coal can be dumped directly into it from bag or barrow or shoveled into it from the wagon.

The Frames and Bodies will not break as they are made of Malleable Iron and Steel.

No. 203D is suitable for School Houses and other Public Buildings.



Nos. 500 and 600 Level Bottom Chutes With Gravity Lock

This type is suitable for cement block walls. They are not made with hoppers. Glass doors have shields to protect when open.

No.	Door	Wall Wide	Opening High	Depth	Each
M500	Solid.....	24"	17"	9"	\$ 9.00
M600	Glass.....	24"	17"	9"	12.45

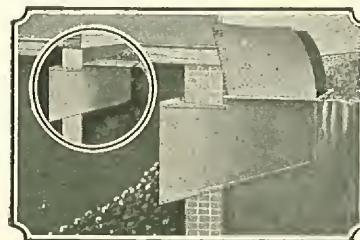


Nos. 12 and 15 Store Chutes

Designed particularly for Store and Office Buildings. They will take the place in many cases of sidewalk coal holes. Equipped with gravity lock and chain. Furnished with or without Hopper.

On special order the Store Chute can be supplied with duplex body so that the coal can be deposited either under the sidewalk or in the basement as desired.

Price Without Hopper						
No.	Door	Wide	High	Total Height	Opening at Grade	Weight lbs.
M12.....	22"	20"	48"	24x16"	180	\$31.50
M15.....	30"	24"	52"	30x20"	285	45.30
Add for Hopper No. 12.....						\$1.50
" " " " 16.....						2.70

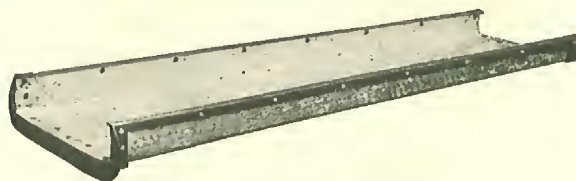


Nos. 16 and 18 Grade Line Chutes

For Residences, Stores or any building where there is little or no foundation above ground. The door when raised forms part of hopper and becomes the shield which protects the building.

No.	Door	Wall Wide	Opening High	Length	Weight lbs.	Each
M16.....	18x24"	25"	24"	36"	190	\$33.00
M18.....	24x30"	31"	31"	42"	290	48.00

## WAGON CHUTES



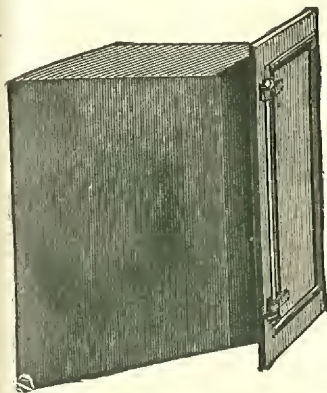
Extension Coal Chutes or Slides

18 inches wide one end, 17 inches wide other end. Narrow end of one chute will slide into wide end of another chute. Made of 16 gauge copper steel sheets. Ends and edges reinforced.

Length	5	6	8	10	12	14	16
Feet.....	5	6	8	10	12	14	16
Black							
Each.....	\$6.55	\$7.55	\$ 9.50	\$11.20	\$12.60	\$14.70	\$16.80
Galvd.							
Each.....	7.35	8.40	10.65	12.60	14.30	16.65	19.10

18 Gauge Chutes at 10% less than above prices. Shipments made from factory only.





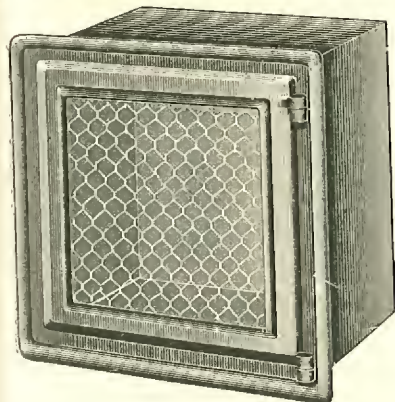
### CAST IRON COAL CHUTES

With Solid Iron Door.  
Automatic Latch.

Opening Size	Body Depth	Each
16x16"	8"	\$10.00
18x18"	8"	11.00
18x18"	12"	14.00
*18x24"	15 1/2"	24.00
*17x23"	8"	\$12.00

**\*\*Shipped from factory.**

**\*Door lifts up.**



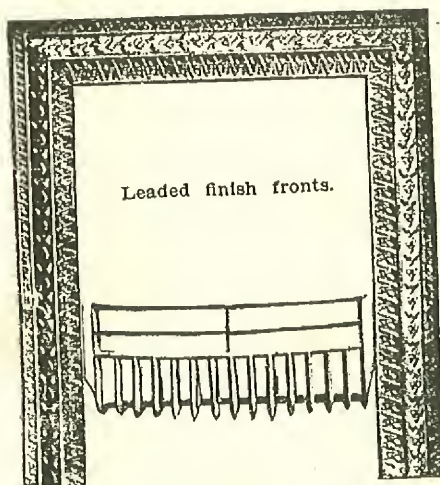
### CAST IRON COAL CHUTES

With Wire Glass Doors.  
Automatic Latch.

Opening Size	Body Depth	Each
18x18"	8"	\$14.00
*17x23"	8"	15.00

**\*Door lifts up.**

### GRATES AND FRONTS



Leaded finish fronts.

Width of Grate Opening	Width of Front Overall	Height of Front Overall	Front and Grate Per Set	Front Only Each
18"	27"	31"	\$6.00	\$4.00
20"	29"	32"	6.50	4.25
22"	31"	33"	7.00	4.50
24"	33"	34"	7.50	4.75

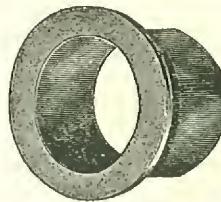
Grates only, per lb. \$ .15



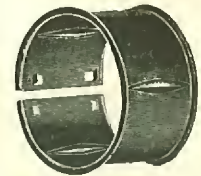
### TUBULAR GAS BURNER

Used for same purpose as salamanders. 18" sheet steel tube with brass spud for 3/8" pipe. Each .....\$1.25

### FLUE RINGS



Cast Iron

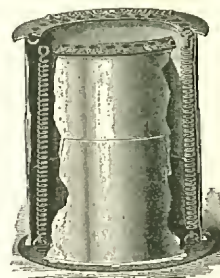


Galv'd Sheet Steel

Size Each	4"	5"	6"	7"	8"	9"	10"	12"
	\$ .25	\$ .30	\$ .35	\$ .40	\$ .50	\$ .80	\$1.00	\$1.50

12 in a bundle.

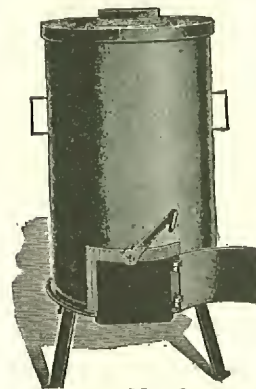
Adjustable Galvanized Sheet Steel. Adjusts for 6 or 7" pipe.  
Each .....\$ .15  
12 in a bundle.



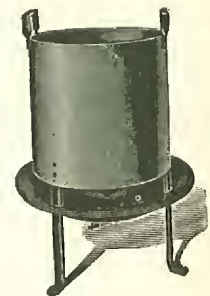
### SAFETY STOVE PIPE SLEEVES

For taking stove pipes through floors or partitions, adjusts from 6 to 12" thickness.  
For 6" Pipe. Each.....\$1.25  
" 7" " " ..... 1.50

### SALAMANDERS



No. 3



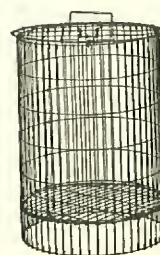
No. 10

For drying plaster brick work, cement work, etc., and for use in new buildings and scaffolds. Use coke for fuel.

If building is closed in, the closed top with flue connection should be used. Loop handles riveted on sides permit carrying on bars the salamander when heated.

No. 10 15" diameter, 27" high, open top, stationary grate. No inside lining. Each.....\$6.00

No. 3 18" diameter, 40" high. Shaking grate, ash door, inside lining, cast top with flue collar and with lid. Each.....\$14.00



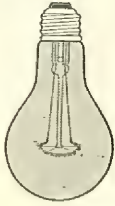
### WIRE PAPER BURNERS

No.	Top Diam.	Bottom Diam.	Height	Each
2.....	18"	15"	27"	\$3.00
3.....	20"	16"	34"	4.00



## LAMPS—TORCHES—LANTERNS

## ELECTRIC LAMPS

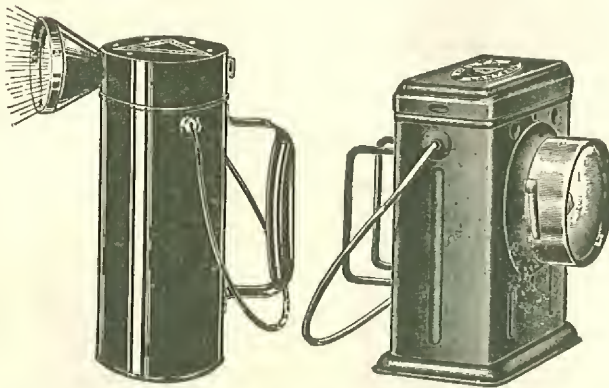
The New Standard Line  
Inside Frosted Lamps

Outside of bulb is smooth, does not collect dust, and is easy to clean. Inside frosting lets more light shine through. Bulb is a lustrous grey color which blends with any background.

110-115 Volts Medium Screw Base

Size Watts	Overall Length	Price Each
25 .....	4 "	\$ .36
40 .....	4 1/2 "	.36
50 .....	4 1/2 "	.39
60 .....	5 1/4 "	.43
100 .....	6 "	.60

## ELECTRIC LANTERNS



No. 7

No. 10

No. 7 Round case with bail and handle. Runs on one common dry battery. Price without battery. Each.....\$1.75

No. 10 Red enameled steel case, silver plated reflector. Runs on two common dry batteries. For watchmen and around garages and stables this is the safest light. Has bail and folding handle. Size 7 1/4 x 5 1/2 x 3". Price without batteries.....\$3.00

## DRY CELL BATTERIES

No.	Each
No. 6 Standard Electric Dry Cells. Each.....	\$ .40



## TALLOW CANDLES

Plumbers Tallow Candles, 1 1/8" Diam., 5" long. Each.....\$0.07

GASOLINE WALL OR  
BANJO TORCH

For outdoor lighting. Gives a large and bright flame.

Capacity.....	4 quarts
Each .....	\$3.00

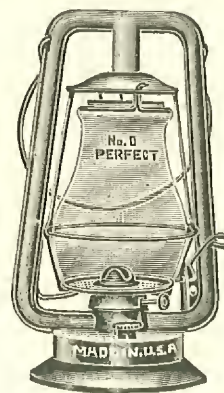


## PYRAMID OR MILL TORCHES

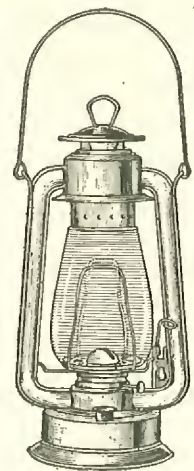
Made of wrought steel with brazed seams.

No. 81 1 Pint capacity .....	\$ .75
82 1 Quart " .....	.85

## OIL LANTERNS



No. 0 Hot Blast



No. 2 Cold Blast

No. 0 Hot Blast Lantern. Has strong inside lift for globe. Large fount with double seamed bottom. Holds enough oil to burn for 23 hours. Take 3/8" wick and No. 0 Burner.

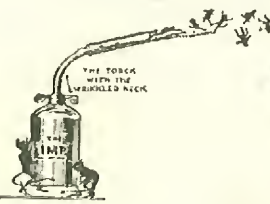
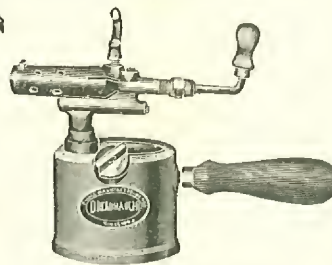
No. 0 Lantern, clear white globe .....	Each \$1.00
0 " ruby globe .....	" 1.40
0 Clear white globes only .....	" .25
0 Ruby globes only .....	" .40

No. 2 Cold blast Lantern. Has strong inside lift for globe. This lantern is windproof. Has standing bail. Make a very bright light. Made of heavy tin and wire.

No. 2 Lantern, clear white globe .....	Each \$2.00
2 " ruby globe .....	" 2.25
2 Clear white globes only .....	" .30
2 Ruby globes only .....	" .45



## POCKET BLOW TORCHES

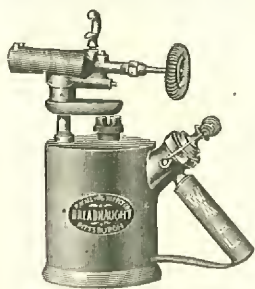
No. 20 Spartan  
Alcohol TorchNo. 17  
Imp  
Gasoline  
TorchNo. 8 Dreadnaught  
Gasoline Torch

No. 20 Spartan, a full size alcohol blow torch using denatured alcohol, and producing a needle point flame of 1200 degrees. Complete with rubber tube and mouth piece, and drawn body finished in nickel plate. Each.....\$2.00

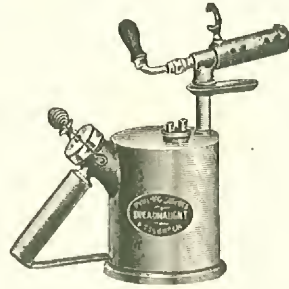
No. 17 Imp Gasoline Torch entirely automatic, starts with a match. Gives a perfect bunsen flame of over 2000 degrees. No. pumping or blowing, suitable for small jobs requiring a melting, brazing or fusing heat. Nickel plated drawn body. Each.....\$1.75

No. 8 Dreadnaught Gasoline Torch, half pint size. Operates automatically without a pump. Produces an intensely hot blue flame. Small and light, but strong. Each.....\$4.00

## WALLS DREADNAUGHT BLOW TORCHES

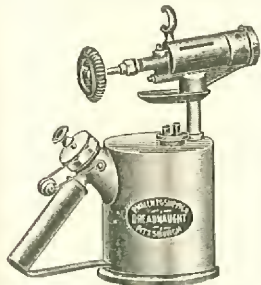


Nos. 31 and 38

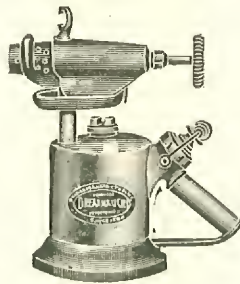


Nos. 21 and 28

Angle Handle restful to the hand. Pump so located that burning of the operator is impossible.



No. 10 Gasoline



Nos. 41 and 48

Double check valve that will hold pressure for weeks. Steel tank with brazed seams and connections. Quick starting, economical and hottest torch made. Will operate upside down.

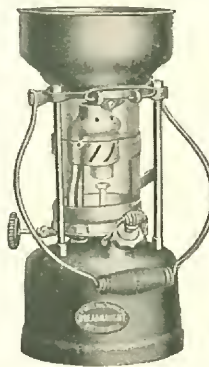
## GASOLINE TORCHES

No. 31	One quart size, for general use.....	Each	\$7.00
No. 38	One pint size, style of No. 31.....	"	6.50
No. 21	One quart size for paint burning and general use.....	"	6.50
No. 28	One pint size, style of No. 21.....	"	6.00
No. 10	One quart size for electrical work. Will produce a variety of flames simply by turning needle valve. Fine for brazing.....	"	8.00

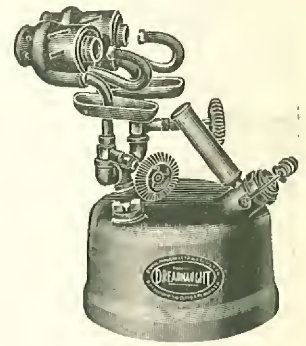
## KEROSENE TORCHES

For general use, costs one quarter as much to operate as gasoline.			
No. 41	One quart size.....	Each	\$7.00
No. 48	One pint size.....	"	6.50

## WALLS, DREADNAUGHT FURNACES OR FIRE POTS



No. 51



No. 49

State whether gasoline or kerosene burner is desired.

No. 51 is for general use. It is largely used by plumbers and electricians. Capacity 2 quarts, weight 12½ lbs. Each.....\$33.50

No. 52 is for tinner's use. The cast iron top is closed over and open at side and is provided with a rest for soldering coppers. In every other respect No. 52 is the same as No. 51. Each.....\$36.00

Weight 17 lbs.

No. 49 is for use where intense heat is desired. Brazers and welders use this "Super Dreadnaught" for preheating cylinders and straightening automobile parts while in place. Capacity 2 quarts, weight 9 lbs. Each.....\$20.00

## MELTING LADLES



## BABBIT METAL



## CAST IRON MELTING POTS

Diameter .....	4"	5"	6"
Each .....	\$ .50	\$ .70	\$ .90

## MALLEABLE IRON MELTING LADLES

Diameter .....	2½"	3"	4"	5"	6"
Each .....	\$ .30	\$ .40	\$ .50	\$ .70	\$ .90

## BABBIT METAL—GENUINE

High Speed. Per lb.....

FIRE PAILS  
GALVANIZED

12 quart, round bottom, marked "Fire" in red letters. Each.....\$ .65

CHEMICAL  
FIRE  
EXTINGUISHERS

Approved by Chicago Board of Fire Underwriters. Capacity 2½ gallons, duration of stream 1¼ minutes, throws stream 45 feet. Chemical charge, Bicarbonate of Soda and Sulphuric acid. Cost to recharge 75c. No experience required to use or to refill. Weight empty, 17 lbs. Each.....\$18.00

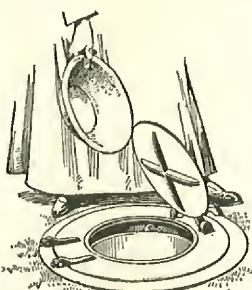




## UNDERGROUND GARBAGE CANS



## CAST IRON COVER



No. G38

Underground Garbage Cans are out of sight, and where they cannot be upset.

The Majestic Receiver complete consists of cast top, ring and lid. Painted steel shell and galvanized can.

Size, Gallons	8	15	20
Diam. of Shell	15"	15"	15"
Depth of Shell	14"	25"	26"
With Plain Galvd. can	\$ 9.90	\$11.40	\$14.70
With Witt Galvd. can	11.10	15.90	19.90

Nos. 15 and 20 with plain cans carried in stock, other sizes shipped from factory.

## CAST IRON COVER FOR GARBAGE CAN

Consists of outer ring to rest on concrete or sewer pipe well, inner ring and hinged lid. Size of opening to receive can is 19".

No. G38 Garbage Can Cover, Each.....\$10.00



Nos. 10 to 3

## WITT CORRUGATED GARBAGE CANS

Galvanized

The strongest can made.  
PAIS WITH LIDS

No.	7	8	9
Gallons	5	6 1/2	8 1/4
Diam.	11"	13"	14 1/2"
Height	13"	13"	13"
Each	\$2.50	\$2.75	\$3.00

Without lids deduct 35c.



Nos. 7, 8 and 9

## CANS WITH LIDS

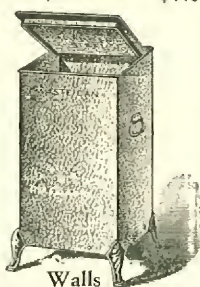
No.	10	0	1	2	3
Gallons	12 1/4	16	20	27	33
Diameter in.	14 1/2	14 3/4	15 3/4	18	20 1/2
Height in.	19	25	25	25	25
Each	\$3.00	\$4.00	\$5.00	\$6.00	\$7.00



Just Rite

## OILY WASTE CANS

Fire proof Self  
Closing Lids.  
Galvanized Steel



Walls

Walls	12x12x30"	16x16x30"	16x16x36"	22x22x36"
Each	\$10.00	\$11.00	\$12.00	\$13.50

## JUST RITE

Labeled by Underwriters Laboratories  
No. 1 6 Gallons, 11 3/4 x 13.....\$4.50  
3 10 Gallons 13 1/2 x 15.....6.00  
Opened by Foot

## SAFETY GASOLINE CANS

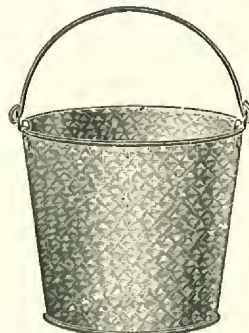
Approved by National Board of Fire  
Underwriters.

Self Closing cap on spout. Fine mesh  
screen in spout. Heavy double seamed  
and soldered can in baked red enamel.

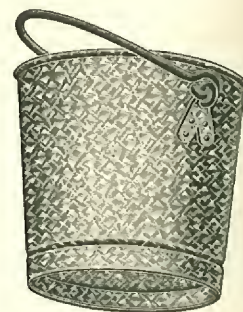
Size	1 Pt.	1 Qt.	2 Qt.	1 Gal.	3 Gal.	5 Gal.
Each	\$1.80	\$2.00	\$2.50	\$3.00	\$5.00	\$6.00



## GALVANIZED PAILS



Common Water Pail



Cement Pail

10 Quart	Each	\$ .35
12 "	"	.40
Extra Heavy Water or Cement Pails, Raised Bottom.		
12 Quart	Each	\$1.00
14 "	"	1.25
14 " Braced Bottom	"	1.50

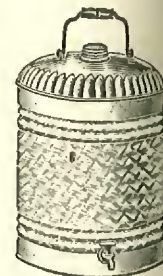
## GALVANIZED OIL CANS

With Embossed Tin Tops



Spout Can

With Spout	Each	
1 Gallon	\$ .50	
2 "	.75	
5 "	1.50	
With Faucet	Each	
5 Gallon	\$2.00	
With Pump (not illustrated)		
5 Gallon	Each	\$3.00



Faucet Can

## GALVANIZED SPRINKLING CANS

Wide spout with removable rose.



Capacity	Each	
4 Quart	\$1.00	
6 "	1.25	
8 "	1.50	
10 "	1.75	
12 "	2.00	
14 "	2.50	

## CUPS AND DIPPERS

TIN AND ENAMELED WARE  
PLAIN TIN

1 Pint pieced tin cup	Each	\$ .10
1 " pressed tin dipper	"	.15

## ENAMELED GREY

1 Pint pressed enameled cup	Each	\$ .30
1 " " dipper	"	.35

## MEASURES

I. C. Tin Lipped Measures



Capacity	Each	
1 Pint	\$ .20	
1 Quart	.25	
2 "	.40	
1 Gallon	.60	

I. C. Tin Pieced Funnels



Diam. inches..	3 1/2	4 1/2	5 1/2	6 3/4	8
Capacity Pts.	1 1/2	1	2	4	8
Each	\$ .10	\$ .15	\$ .20	\$ .25	\$ .35



## HOSE AND HOSE FITTINGS

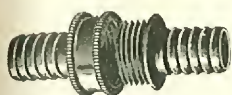
**HOSE REEL**  
All Steel Hose  
Reel, Galvanized  
Drum. No. 10  
Japd. Fin. Capac-  
ity 100 ft. of  $\frac{3}{4}$ "  
hose. Each...\$3.00



Size .....  $\frac{1}{2}$ "  $\frac{3}{4}$ "  
Per foot .....  
Heavy Duty Grade

Size .....  $\frac{1}{2}$ "  $\frac{3}{4}$ "  
Per foot .....  
Any length desired. Couplings put on but charged for except  
in 50 ft. sections.

## HOSE FITTINGS



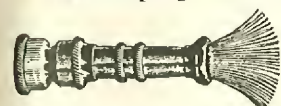
Hose Coupling



Hose Mender



Hose Clamp



Gem Nozzle



Straight Hose Pipe

Size .....	$\frac{1}{2}$ "	$\frac{3}{4}$ "
Brass Couplings for water hose, Each.....	\$ .25	\$ .25
Brass Menders " " " " .....	.10	.10
Galvd. Clamps " " " " .....	.05	.05
Rubber Washers, Per 100 .....		1.00
Gem Nozzles, Brass for $\frac{1}{2}$ or $\frac{3}{4}$ ".....		.75
Straight Hose Pipe Brass, $\frac{1}{2}$ or $\frac{3}{4}$ ".....		.75

## LAWN SPRINKLERS

Two Purpose Sprinkler Rain King. Can be  
used as a Nozzle as well as a sprinkler. Will  
throw solid stream or a fine spray.  
Each .....\$2.25



Standard Rain King

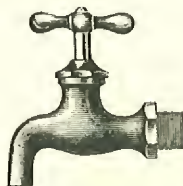
Revolving sprinkler. Ad-  
justable Nozzles. Nozzles  
can be turned in any direc-  
tion. Strong and built to  
last. Each .....\$3.75

## STANDARDIZED HOSE UNITS

Underwriters approved.  
A case for emergency fire  
equipment for installation  
in walls of building.

12 sizes of cabinets,  
equipped as desired, may  
be had.

Descriptive circular sent  
on request.



Plain Bibb

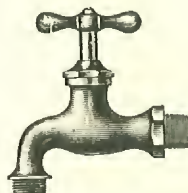
## COMPRESSION PLAIN BIBBS

Polished Brass Metal

Threaded to fit Iron Pipe.

Size .....	$\frac{1}{2}$ "	$\frac{3}{4}$ "
Each .....	\$1.00	\$1.50

6 in a box.



Hose Bibb

## COMPRESSION HOSE BIBBS

Polished Brass Metal

Threaded to fit iron pipe. Outlet has  
standard hose connection.

Size .....	$\frac{1}{2}$ "	$\frac{3}{4}$ "
Each .....	\$1.10	\$1.65

6 in a box.

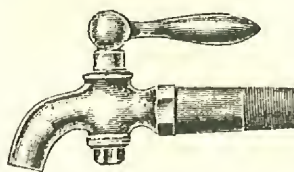
## PETROLEUM FAUCETS

Iron-Japanned

To screw into wood.

No. 14 $\frac{1}{2}$ " .....	Each \$1.25
No. 5 $\frac{3}{8}$ " .....	1.70

6 in a box.



## RACKING COCKS

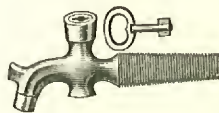
Polished Brass Metal

To screw into wood

Loose Key

No. 41 $\frac{1}{2}$ " .....	Each \$1.50
No. 42 $\frac{3}{8}$ " .....	1.75

6 in a box.

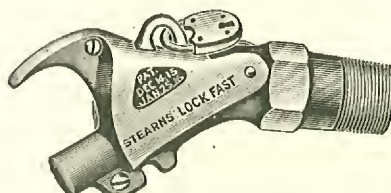


## PERFECTION LOCKFAST OIL GATES

Iron Japanned

The quickest and clean-  
est type of oil gate.

Especially good for  
thick liquids. Can be  
locked with any padlock  
having shackle up to  $\frac{3}{8}$ "  
diameter. Padlock is ex-  
tra. See pages 81 to 84.



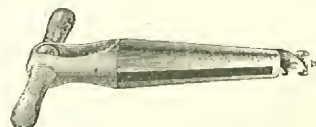
Style A, Perfection Oil Gates, to screw into wood.

Size .....	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	2"
Each .....	\$1.00	\$1.10	\$1.20	\$1.40	\$2.25

Style E, Perfection Oil Gates, Iron Pipe thread.

Size .....	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"
Each .....	\$ .90	\$1.00	\$1.10

## BUNG OR TAP BORERS



For boring and reaming bung and faucet holes in wood barrels.  
Bores a tapered hole from  $\frac{5}{8}$  to  $1\frac{1}{2}$ " in diameter.

No. 6020. Each.....\$4.50



## BROOMS



House

## HOUSE BROOMS

All Corn, heavy, long stock. Each.....\$1.25

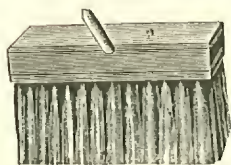


Factory

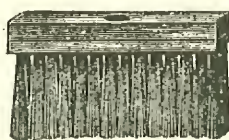
## FACTORY BROOMS

Heavy, mixed corn and bamboo with metal band and strap. Each.....\$1.60

## PUSH BROOMS



Bass and Bamboo



Wire

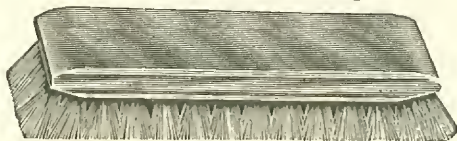
No.		Each
124-12"	4 Row, all bass stock, 5" long.....	\$1.00
144-14"	4 Row, all bass stock, 5" long.....	1.25
244-14"	4 Row, bass and bamboo, 5" long.....	1.25
1002-14"	4 Row, steel wire, 5" long.....	1.75
Handles are extra.....		.35

## FLOOR BRUSHES



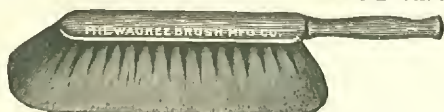
16" Irene, mixed hair center, black horse hair casing, wire fastened. Stock  $2\frac{3}{4}$ " long. Each.....\$3.00  
 14" Alene, Grey fibre mixed with fine wire, wire fastened. Stock  $2\frac{3}{4}$ " long. Each.....\$2.00  
 Handles are included with floor brushes.

## SCRUB BRUSHES

8 $\frac{1}{4}$ " long

No. 1467 White Tampico Fibre, 5 rows, Each.....\$3.00  
 1471 Palmetto Fibre, Each......40

## BENCH OR COUNTER DUSTERS



Length given does not include handle.

7" Black fibre, wire fastened,  $2\frac{1}{4}$ " stock, Each.....\$ .70  
 8" Black hair, wire fastened,  $2\frac{1}{8}$ " stock, Each..... 1.25

## HAND BELLOWS

Leather covered.

8"—Each.....\$1.75  
 10"—Each..... 2.00  
 12"—Each..... 2.50  
 14"—Each..... 3.75



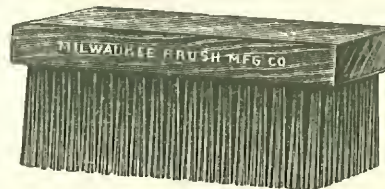
## WIRE BRUSHES



No. 1641



No. 1651



No. 1611



No. 1801



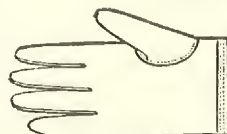
No. 1632



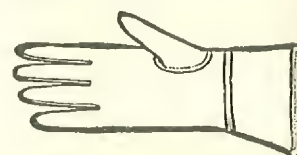
No. 1661

No.	Block Size	Rows of Wire	Length Wire	Each
1611	7 $\frac{1}{4}$ x2 $\frac{1}{4}$ "	6x19	13 $\frac{3}{4}$ "	\$ .60
1801	7 $\frac{3}{4}$ x2 $\frac{5}{8}$ "	5x10	1 $\frac{1}{4}$ "	.50
1632	7 x3 "	9x21	1 $\frac{1}{8}$ "	.75
1641		4	1 $\frac{1}{2}$ "	.50
1651		3	1 $\frac{1}{8}$ "	.50
1661	2 $\frac{3}{8}$ x1 $\frac{1}{8}$ "	6	2 $\frac{1}{4}$ "	.60

## CANVAS GLOVES



Knit Wrist Band



Gauntlet

Knit Wrist Band, Canvas Palm, Per Pair.....\$ .25  
 Knit Wrist Band, Leather Palm, Per Pair..... .50  
 Canvas Gauntlet, Canvas Palm, Per Pair..... .35  
 Canvas Gauntlet, Leather Palm, Per Pair..... .60  
 12 pairs in a package.

## COTTON MOPS

Handled

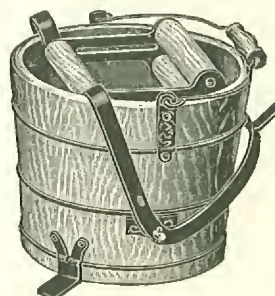
20 oz., Each.....\$ .85  
 24 oz., Each..... 1.00  
 30 oz., Each..... 1.15

## MOP WRINGER

with bucket

Eagle Mop Wringer and bucket combined.  
 Cypress bucket, maple rollers. Built very strong, and of the best materials.

Standard, 14 Quart size, Each.....\$3.25  
 Janitors, 22 Quart size, Each..... 4.00

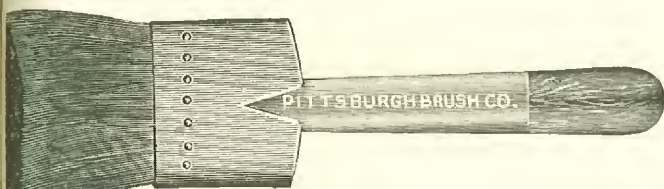




## FLAT VARNISH

## BRUSHES

## WHITE WASH

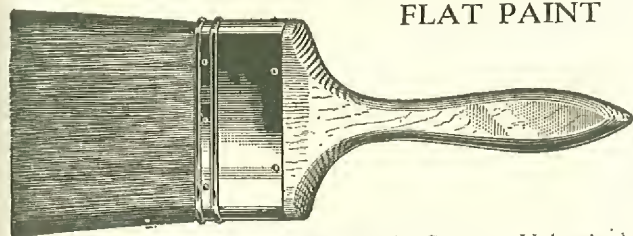


No. 78 Double thick, selected China Bristle, Chiseled. Vulcanized in rubber, tin ferrule, red handle.  
 Size, inches ..... 1      1½      2      2½      3  
 Each ..... \$1.45      \$1.55      \$1.75      \$1.00      \$1.25

No. 73 Double thick, China Bristle, Chiseled. Cement set, tin ferrule, natural handle.  
 Size, inches ..... 1      1½      2      2½      3  
 Each ..... \$1.25      \$1.35      \$1.45      \$1.65      \$1.85

Six in a box.

## FLAT PAINT



No. 8 Pure Bristle Casing, Mixed Bristle Center. Vulcanized in rubber. New style band, natural handle.  
 Size, inches ..... 3      3½      4      4½  
 Each ..... \$2.00      \$3.00      \$4.00      \$5.00

No. 14 Pure Bristle Casing, Mixed Bristle Center. Vulcanized in rubber, nickel ferrule, natural handle.  
 Size, inches ..... 2½      3      3½      4      4½      5  
 Each ..... \$1.75      \$1.90      \$1.15      \$1.50      \$2.00      \$2.75

Six in a box.

## OVAL PAINT OR VARNISH



No. 92 Superior Quality China Bristle. Vulcanized in rubber, natural handle.  
 Size No. .... 2-0      4-0      6-0      8-0  
 Diam. inches ..... 1¾      1⅞      2      2⅞  
 Lgth. Bristle ..... 2¾"      3¼"      3½"      3¾"  
 Each ..... \$1.00      \$1.75      \$2.25      \$3.50

Six in a box.

## OVAL SASH TOOLS

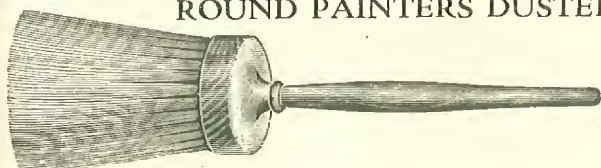


No. 116 Black China Bristle, Seamless Nickered Ferrule. Vulcanized in hard rubber, plain sanded handles.

Size No. .... 1      2      3      4      6      8  
 Width in. .... ½      ⅝      ¾      ⅞      1      1¼  
 Each ..... \$1.30      \$1.35      \$1.40      \$1.45      \$1.65      \$1.85

Six in a box.

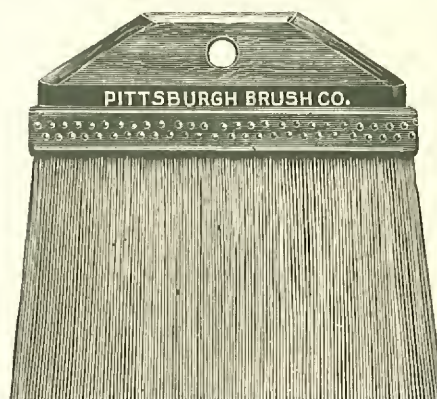
## ROUND PAINTERS DUSTERS



Cement Set, Yellow Polished Handles.

No. 130—2¼" diam. Mixed Black Hair, Each ..... \$1.25  
 No. 131—2¼" diam. China Bristle, Each ..... 1.75

Six in a box.

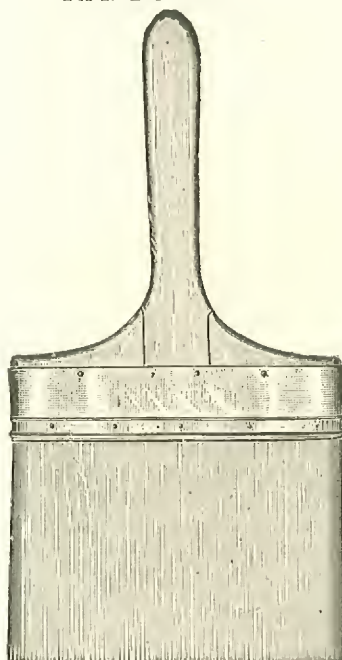


No. 282 Leather Bound, Double Nailed, Pure China Bristle.  
 Width, inches ..... 7      8      9  
 Length of Bristle, in. .... 3¼      3¼      3¼  
 Each ..... \$3.00      \$3.50      \$4.00

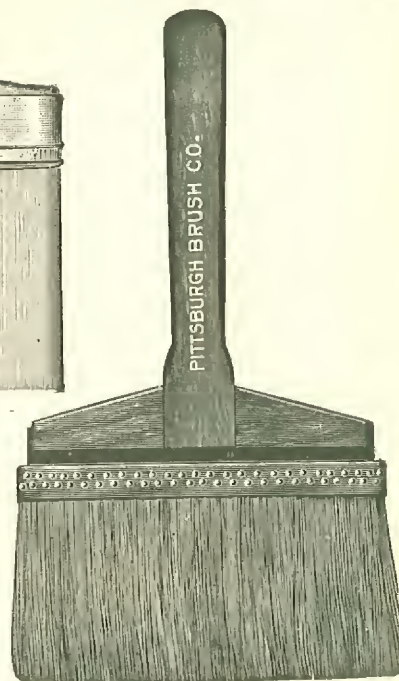
No. 262 Metal Bound Cement set, China Bristle Casing, Mixed Hair Center.  
 Width, inches ..... 7      8  
 Length of Bristle, in. .... 25/8      25/8  
 Each ..... \$1.00      \$1.25

## KALSOMINE

Six in a box.



## PLASTERS



No. 180 set in rubber, Black China Bristle Casing, Mixed Bristle Center, Galvanized Band, plain handle.  
 Width ..... 7"      8"  
 Bristle ..... 3⅞"      3⅞"  
 Each ..... \$3.00      \$3.50

No. 166 Grey Hair Casing, Mixed Hair Center. Varnished handles.  
 Width ..... 7"      8"  
 Each ..... \$1.50      \$1.75

Six in a box.

## PLASTERS BRUSH

No. 204 Leather Bound, Double Nailed. Extra quality White Bristle 3⅞" long, natural handle.  
 Width 8". Each ..... \$8.00

One in a box.







## SIGNET LIQUID METAL POLISH



Non-inflammable

Tested and passed by the National Board of Fire Underwriters.

For polishing Brass, Nickel, Copper, Aluminum, Hot Brass and other metals.

Size.....	Half Pts.	Pints	Quarts	Gallons
List, Each.....	\$ .25	\$ .40	\$ .75	\$2.00
Cans in case.....	24	12	12	6

## FLOOR AND FURNITURE WAX



High grade powdered wax that gives a smoothly polished surface to hardwood or soft wood floors, also canvass composition or concrete. Free from dust. Will polish a damp floor.

Powdered Floor Wax, 4 oz. Per Package.....\$ .25

Prepared Paste Wax for producing a hard and dry lustre on furniture, 6 oz can.

Each .....\$ .40

## BOYERS DRAIN PIPE CLEANER

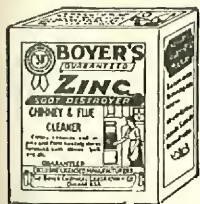


Dissolves and loosens all foreign matter, paper, rags, matches, hair, vegetable matter, etc. Gets to the source of trouble in drain pipes.

Harmless to plumbing.

1 lb. cans. Each.....\$ .45

## ZINC SOOT DESTROYER



When thrown upon a hot fire causes all the soot in the smoke pipe and flue to vanish. Saves coal, work and worry.

12 oz. package, Each.....\$ .25

## SHELLAC

## ORANGE SHELLAC

Size .....	1/2 Pints	Pints	Quarts
Each .....			

## WHITE SHELLAC

Size .....	1/4 Pts.	1/2 Pts.	Pints	Quarts
Each .....				

## SIGNET HAND SOAP

## PASTE FORM



A preparation of vegetable oil soap, and a nonscratching grit.

Contains no injurious chemicals.

Removes grease, oil, ink and fruit stains from the hands, woodwork or metal utensils.

1 lb. cans. Each .....\$ .15

36 cans in a case.

## UNIVERSAL LIQUID CEMENT

Dittmans cement for glass, stone, china, wood, rubber, leather, etc.

Small tubes, Each .....\$ .15

12 tubes on a card.

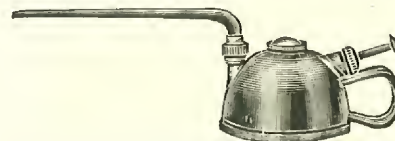


Nos. 14, 14B, 16 and 309

## OILERS



Nos. 13, 13A, 14A, 14AA, 15A and 304



Nos. 806 and 809 Auto Pump Oilers



Nos. 10 and 11

Walls heavy drawn steel, copper plated. Hand soldered, clock spring steel bottom.

No.	Type	Diam.	Spout	Capacity	Each
13	Bench	3 3/8"	Straight 3"	1 1/3 Pt.	\$ .40
13A	"	3 3/8"	" 5"	1 1/3 "	.45
14	"	3 3/8"	Bent 9"	1 1/3 "	.50
14A	"	3 3/4"	Straight 3"	1 1/2 "	.55
14AA	"	3 3/4"	" 5"	1 1/2 "	.60
14B	"	3 3/4"	Bent 9"	1 1/2 "	.65
15A	"	4 1/8"	Straight 5"	1 "	.70
16	"	4 1/8"	Bent 9"	1 "	.75
10	Railroad	3 3/8"	" 12"	1 "	1.00
11	"	4 1/8"	" 18"	2 "	1.25
806	Pump, Auto	3 3/4"	Swivel 6"	1 1/2 "	1.50
809	"	3 3/4"	" 9"	1 1/2 "	1.60

Walls Everlasting Oilers, brazed with hard spelter, spouts set in cut brass bushings.

No.	Type	Diam.	Spout	Capacity	Each
304	Bench	3 3/4"	4" Strt.	1/2 Pt.	\$ .60
309	"	3 3/4"	9" Bent	1/2 "	.70
509	"	4 5/8"	" 9"	1 "	.90

Oilers packed 6 in a box.



## THREE IN ONE OIL

It lubricates, cleans and polishes, and prevents rust.

For guns, tools, typewriters and delicate machines.

2 oz. Bottle Each.....\$ .15

3 1/2 " " " .....\$ .30

3 1/2 " Spout can with cap.....\$ .30

Each size 12 in a box.



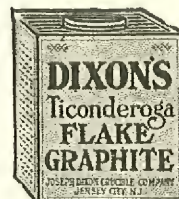
## Dixon's Flake Graphite

## Spring Oil and Rust Solvent

For dissolving rust on bolts and pipe joints, and for lubricating Auto springs.

3 oz. Spout can with cap, Each .....\$ .30

12 cans in a box.



## Dixon's Flake Graphite

Can be used with or without oil.

1 lb. Paper box, Per box.

5 " Tin Can, Per can.



## Friction or Adhesive Tape

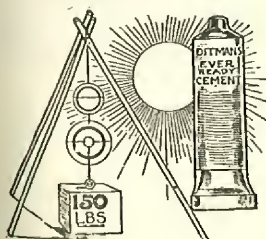
Black Tape 3/4" Wide

Size Roll..... 1/8 lb. 1/4 lb. 1/2 lb.

Per Roll.....\$ .10 \$ .15 \$ .30

White, 1/2 lb. rolls, Each.....\$ .50

12 Rolls in a box.





## GLASS CUTTERS



No. 024 Red Devil, red handle, polished head. For window and light plate glass. Each .....\$ .25  
12 in a box.



No. 032 Red Devil. Has extra large wheel to facilitate cutting with glass rule. A general purpose cutter, otherwise as No. 024. Each .....\$ .35  
12 in a box.



No. 47 Red Devil, red handle, polished Turret Head, 6 cutting wheels in head which can be readily brought into position when desired. Each .....\$ .50  
12 in a box.



No. 1 Goodell Pratt, Enamel Wood Handle, Nickel Plated Turret Head, 6 cutting wheels in head, clamped with set screw. Each .....\$ .40  
12 in a box.



No. 300 Millers Falls Enameled Wood Handle, Nickel Plated Turret Head, 6 cutting wheels in head, clamped with set screw. Wheels numbered. Each .....\$ .40  
12 in a box.

## GLAZIERS POINTS

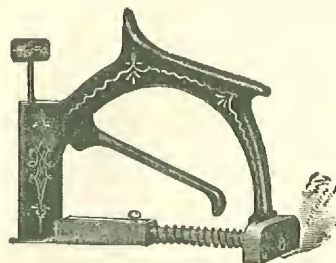


No. 0 No. 1 No. 2 No. 3

Actual Size of Triangular Points Zinc Coated

Packed in 1/4 lb. papers, 3 lbs. in a carton. Price all sizes, Per 3 lb. carton .....\$ .90

## DIAMOND GLAZIERS POINTS AND DRIVERS



Diamond Point Driver

No. 0 Driver for No. 1 Points, for narrow sash. Will work in 3 1/2" space .....Each \$4.00  
No. 1 Driver for No. 1 Points ..... " 4.00  
No. 2 " " No. 2 " ..... " 5.00  
Extra Spiral Springs ..... .10  
Extra Lever " ..... .10

One machine in a box.

In ordering springs state for which machine.

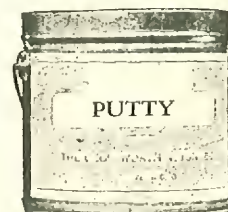
## Diamond Points

No. 1 Points 3/8" long. For use in Nos. 0 and 1 driver. Boxes contain 8 packages of 5000 points. Each, Per box .....\$7.00

No. 2 Points 1/2" long. For use in No. 2 driver. Boxes contain 9 packages of 4000 points each. Per box .....\$8.00

Points are cemented together, 100 in a column.

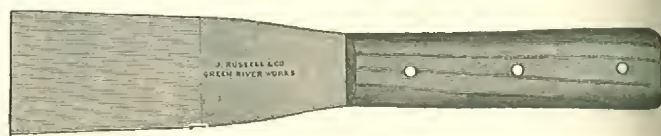
## HIGH GRADE PUTTY



1 lb. tin cans, friction top, Per lb.  
12 1/2 " " " with bail. Per Cwt.  
25 " " " " " Per Cwt.  
25 " steel pails " " Per Cwt.

Note:—Steel pails do not require boxing for shipment.

## PUTTY KNIVES



No. 120

Riveted, Natural Beech Handle, Blade 3 1/2 x 1 5/16  
No. 120 Stiff Blade .....Each \$ .40  
No. 120E Elastic Blade ..... " .40  
12 in a box.



No. 306 Blade 3 1/2 x 1 1/2"

Solid Cocobolo Handle, closed end Brass Ferrule.  
No. 306 Stiff Blade .....Each \$ .60  
306E Elastic Blade ..... " .60  
12 in a box.

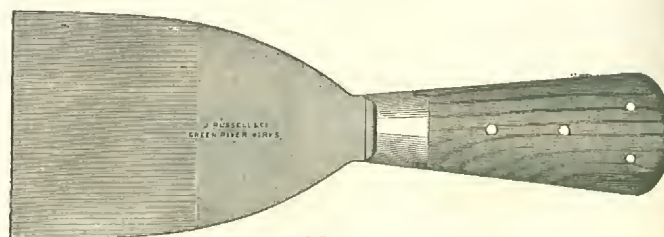
## SCRAPING KNIVES



No. 525

Full forged, with drop forged bolster, Skew End Blade 3" wide, Cocobolo Handle.

No. 525 Stiff Blade .....Each \$1.00  
525E Elastic Blade ..... " 1.00  
6 in a box.



No. 530

Full forged, with metal lock bolster, Square End Blade 3" wide, Large Cocobolo Handle. Built strong, perfectly balanced.

No. 530 Stiff Blade .....Each \$1.25  
No. 530E Elastic Blade ..... " 1.25  
6 in a box.



## BELT AND BELT SUPPLIES

### High Speed Leather Belt

For Wood Working Machinery  
Extra Heavy Single Belt

List Price	Per Foot
2 1/2	\$ .60
3	.72
3 1/2	.84
4	.96
4 1/2	\$1.08
5	1.20
5 1/2	1.32
6	1.44

Price cut to length.

## ROUND LEATHER BELT

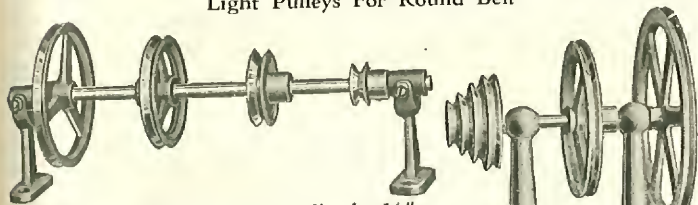
For low speed and light work over grooved pulleys.

Round Leather Belt.	Per foot.	
3/8"		.10
1/4"		.10
3/8"		.15
1/2"		.30

Price cut to length.

## MODEL TRANSMISSION EQUIPMENT

Light Pulleys For Round Belt

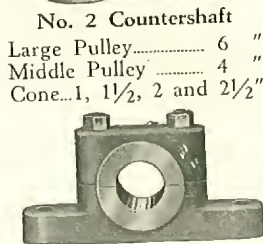


Turned "V" Shaped Groove Wheels, 1/2" Bore, Set Screws on Hub.



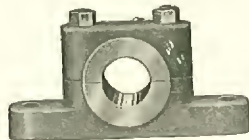
No. 1

high. Geared 48 to 1. Pulley Diam. 4", for 3/8" belt. Capacity 100 lbs. Price \$9.00  
 No. 2 Countershaft, very desirable for changing speed. Use 3/8" belt. Price \$4.50



No. 2 Countershaft

Large Pulley..... 6 "  
 Middle Pulley..... 4 "  
 Cone...1, 1 1/2, 2 and 2 1/2"



Pillow Block

## SHAFTING HANGERS 1/2" BORE

Adjustable and Self Aligning.

Height, adjusts.	2 1/2 to 3"	3 1/2 to 5"	5 1/4 to 6 3/4"
Each	\$1.50	\$1.80	\$2.10

PILLOW BLOCKS—1/2" Bore. Each.....\$ .80

SHAFTING—1/2" Diam. 3 ft. lengths. Each.....\$ .80

## PULLEYS FOR ROUND BELT UP TO 3/8"

Diam.	1"	1 1/2"	2"	2 1/2"	3"	4"
Each	\$ .50	\$ .75	\$1.00	\$1.15	\$1.25	\$1.50
Diam.	5"	6"	7"	8"	10"	12"
Each	\$1.75	\$2.00	\$2.15	\$2.25	\$3.00	\$3.50

Complete model transmission catalogue on request.

## BLACK DIAMOND BELT DRESSING



2" Diameter, 12 Long, Weight 1 lb.

Improves the traction of belts, prevents slipping on the pulleys and enables you to run belt slack.

Black Diamond Bar Belt Dressing is put up in the economy safety stick, permitting the entire stick to be used without danger.

No. 4 For leather belts. Per bar	\$ .50
12 " rubber and balata belts	.50

## RAWHIDE CUT BELT LACING

100 Feet in a box.

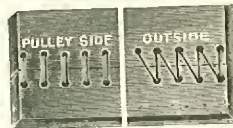
Each lacer coiled separately. High grade, uniform width. Keeps clean, fresh and pliable.



Width	Length Lacer	For Belts	Per 100 Ft.
1/4"	36 1/2"	Up to 3"	\$2.50
5/8"	43"	" 4 1/2"	3.00
3/8"	48"	" 4 1/2"	3.75
1/2"	75"	Main Belts	5.50

## WIRE BELT LACING

Much used on high speed woodworking belts. Will not crystallize or tear out lace holes. 50 ft. in a box.



No.	For Belts	Single	Per Box
00	Up to 1"		\$ .60
0	" 3"		.60
1	3" " 6"		.60
2	6" " 12"		.60
3	6" and up		.60

## BRISTOL STEEL BELT LACING

Makes a close smooth joint, is quickly applied, and only tools required are a hammer and a piece of soft wood. Boxes contain enough lacing for 100 inches of joint. Packed in assorted widths.

No.	For Belts	1/8" to 1/4" thick	List Per Box
1	" 3/8"		\$1.50
2	" 1/4"		2.00
3	" 3/8"		2.50
4	" 3/8"		3.00

## POINTED STEEL BELT HOOKS

Size	Length Inside	Box Contains	Per Box
8	3/8"	500	\$2.00
9	1"	500	1.60
10	7/8"	500	1.40
12	3/4"	500	1.12
14	5/8"	500	.96

## STEEL BELT HOOKS FOR ROUND BELT

No.	14	15	16	17
For Round Belt	3/8"	1/2"	1/4"	1/8"
Per Box of 500	\$ .90	\$ .75	\$ .60	\$ .45

## CLIPPER BELT HOOKS AND LACERS



BEFORE JOINING



JOINED

## Edge View of Belt With Clipper Hooks

For all belts not exceeding 3/8" thick. Makes a smooth flexible hinge joint that will not tear out. Each box contains 1000 hooks, and 14 Rawhide pins. Enough to lace 80 inches. For convenience of the user 50 hooks are inserted on a card which slips right into the No. 3 Lacer.

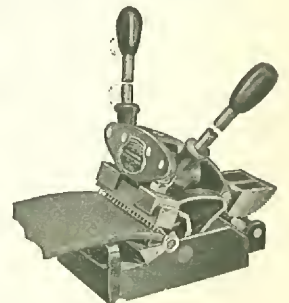
Rawhide pins are for general use. Fibre pins where there is moisture. 24 in a bundle.

No.	2	3	4	5	6
For Belts thickness	Thin	Thin	1/4"	5/8"	3/8"
Hooks & Pins, box	\$ .80	\$ .85	\$ .85	\$1.00	\$1.35
Pins, Rawhide, Bdl.	.70	.70	.70	.80	.90
Pins, Fibre, Bdl.	.35	.35	.35	.40	.45

No. 3 Clipper Standard Belt Lacer for belts of any width. Ready for use, weight 24 lbs. Each.....\$25.00

Belt Rivets and Burrs, see page 209.

Split Clinch Rivets, see page 209.



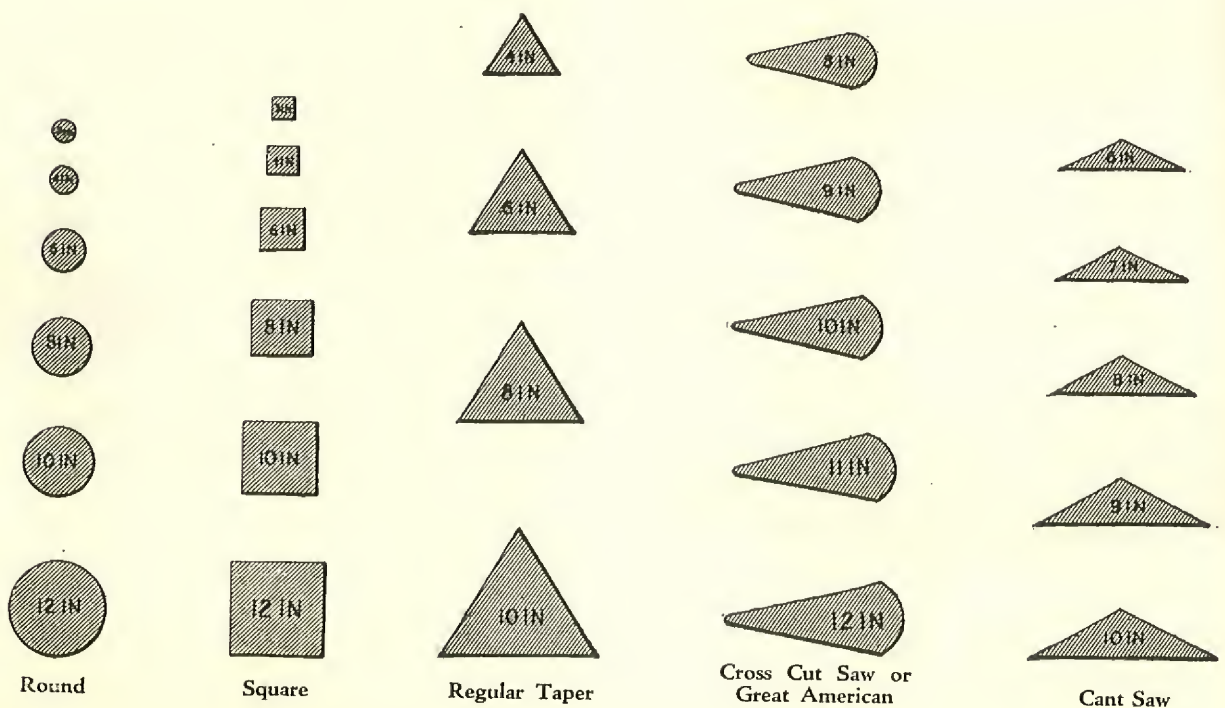
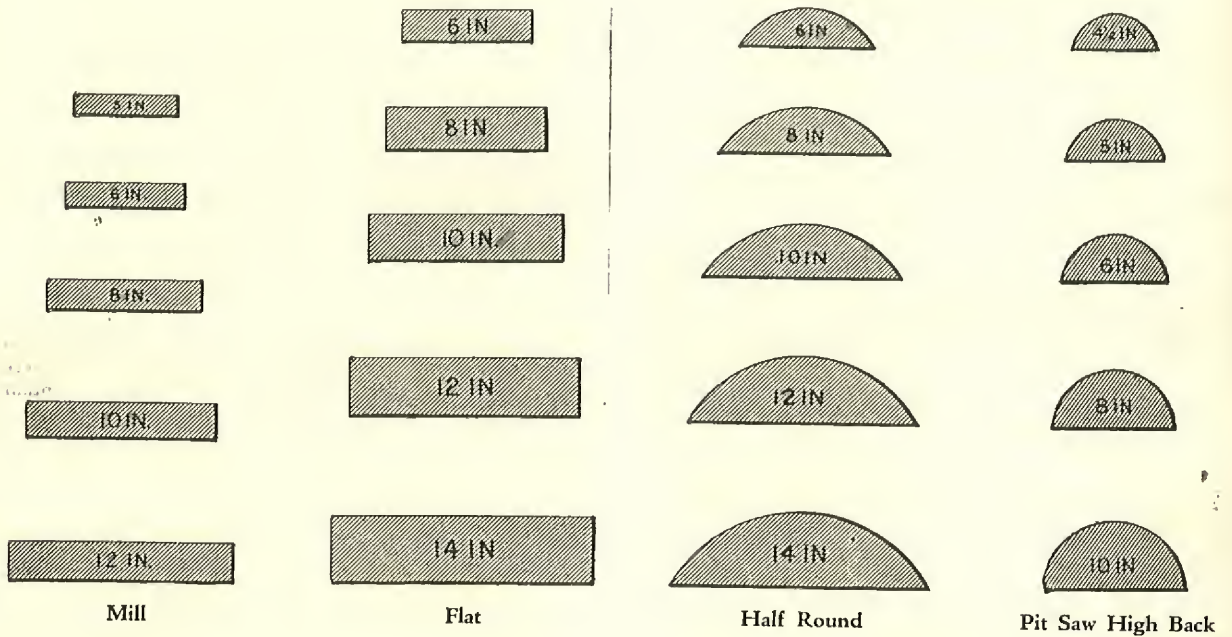
No. 3 Lacer



## FILES

Full size cross sections of Files.

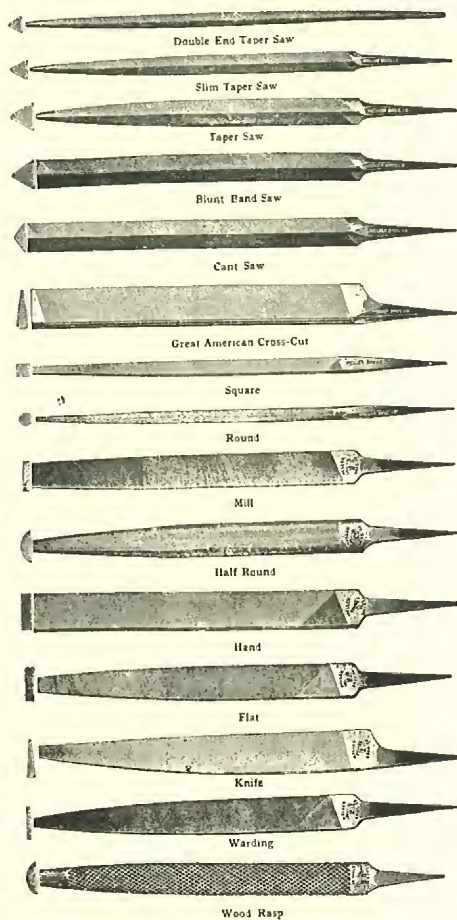
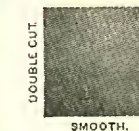
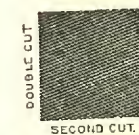
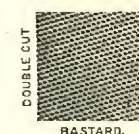
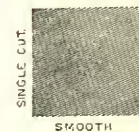
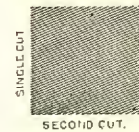
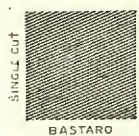
For illustrations of shapes and cuts see opposite page.



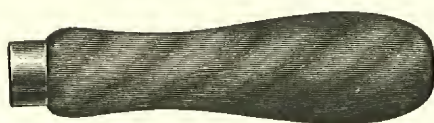


## FILES

## Reduced Size Illustrations of File Shapes and Cuts



## FILE HANDLES



Soft Wood, Brass Ferrules

Sizes small, medium and large. Each.....\$ .08  
Twelve in a box.

## AUGER BIT FILES



This File will sharpen all sizes of auger bits, and without danger of filing the screw and so ruining the bit. Every carpenter needs one. Each.....\$ .30

Packed 12 on a display card.

## FILE CLEANERS



Made of best tempered steel wire. Will remove dirt, grease and filings that collect on a file.

By using a file cleaner the service of a file is more than doubled. Each.....\$ .60

## Files and Rasps

Manufactured by

SIMONDS FILE COMPANY, FITCHBURG, MASS., U.S.A.

Revised April 2, 1923.

## LIST PRICE PER DOZEN

INCH	MILL			MILL 1 R. E.			MILL 2 R. E.			MILL BLUNT			Square Blunt	Round Blunt
	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth		
4	3.00	...	...	...	...	...	...	...	...	...	...	...	...	...
5	3.20	...	...	...	...	...	...	...	...	...	...	...	...	...
6	3.50	4.00	4.50	3.90	4.50	5.00	4.40	5.00	5.50	3.90	4.60	5.10	...	...
7	3.00	4.60	4.90	4.10	5.20	4.90	...	...	...	4.30	4.90	...	...	...
8	4.30	4.90	5.40	4.80	5.50	5.40	6.10	...	...	4.00	5.80	7.40	5.00	...
9	4.00	5.80	6.30	5.30	6.50	7.00	...	...	...	...	...	...	...	...
10	5.60	6.40	7.00	6.30	7.20	7.00	...	...	...	...	...	...	...	...
12	7.50	8.00	9.40	8.40	9.70	0.40	10.80	...	...	...	...	...	13.00	10.70
14	10.70	12.20	13.10	12.00	...	...	...	...	...	...	...	...	18.70	14.70
16	14.70	16.80	17.90	...	...	...	...	...	...	...	...	...	25.10	...
18	20.20	...	...	...	...	...	...	...	...	...	...	...	32.80	...

INCH	FLAT			HAND			PILLAR			HAND FINISHING	
	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	2d Cut	Smooth
4	3.20	4.30	4.70	3.70	4.30	4.80	...	...	...	...	...
5	3.90	4.60	4.90	3.90	4.70	5.30	...	...	...	...	...
6	4.30	4.80	5.30	4.30	5.10	5.60	4.30	5.10	5.60	...	...
7	3.80	5.50	6.10	4.90	5.80	6.30	...	...	...	...	...
8	5.30	6.10	6.60	5.40	6.30	6.70	5.40	6.30	6.70	...	...
9	6.30	7.20	7.90	6.70	7.80	8.30	...	...	...	...	...
10	7.00	8.10	8.70	7.50	8.70	9.40	7.50	8.70	9.40	...	...
12	9.70	11.00	12.10	10.70	12.30	13.50	10.70	12.30	13.50	15.20	16.20
14	13.30	15.30	16.70	15.00	17.00	18.20	...	...	...	20.60	21.70
16	17.80	20.10	22.50	20.10	22.80	24.20	20.10	...	...	...	...
18	23.00	26.80	29.20	26.80	29.90	31.50	...	...	...	...	...
20	31.50	...	...	35.10	...	...	...	...	...	...	...

INCH	ROUND			SQUARE			HALF ROUND			THREE SQUARE		
	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth
4	3.00	3.50	3.90	3.80	4.60	4.90	4.80	5.60	6.10	4.80	5.60	6.10
5	3.20	3.80	4.10	4.10	4.80	5.30	5.40	6.10	6.40	5.40	6.10	6.40
6	3.50	4.00	4.50	4.60	5.10	5.50	6.10	6.70	7.10	6.10	6.70	7.10
7	3.80	4.60	4.90	5.10	5.80	6.30	7.00	7.70	8.20	7.00	7.70	8.20
8	3.30	4.90	5.40	5.50	6.30	7.00	7.50	8.30	8.00	7.50	8.30	8.90
9	4.90	5.80	6.30	...	...	...	...	...	...	...	...	...
10	5.60	6.40	7.00	7.40	8.50	9.10	9.10	10.10	10.70	9.10	10.10	10.70
12	7.50	8.60	9.40	10.20	11.50	12.80	11.80	13.00	13.90	11.80	13.00	13.90
14	10.70	12.20	13.10	13.90	16.10	17.50	15.50	17.00	18.50	15.50	17.00	18.50
16	14.70	16.80	17.90	18.70	21.20	23.30	20.60	22.50	24.50	20.60	22.50	24.50
18	20.20	22.70	24.30	25.10	28.20	30.40	27.50	29.90	32.00	27.50	29.90	32.00
20	27.10	...	...	32.80	...	...	...	...	...	...	...	...

INCH	TAPERS		Slim Taper	Extra Slim Taper	BANSAW BLUNT & TAPER		Double End	Pit Saw	Special Hand Saw	HAND SAW	
	Sgt. Cut	Obt. Cut			Regular	Slim				Blunt	Blunt Slim
3	2.10	...	2.10	...	...	...	...	...	...	...	...
3 1/2	2.10	...	2.10	...	...	...	...	...	...	...	...
4	2.20	2.00	2.20	2.20	2.90	...	...	4.80	...	2.60	2.50
4 1/2	2.40	3.10	2.30	2.30	3.10	...	...	5.40	...	3.00	...
5	2.60	3.30	2.50	2.50	3.50	...	...	5.40	3.80	3.40	3.10
5 1/2	3.00	...	2.90	2.90	...	...	...	9.10	4.50	...	...
6	3.40	4.70	3.10	3.10	4.70	3.90	...	6.10	5.40	4.30	3.80
7	4.30	5.60	3.80	3.80	5.60	...	9.50	7.00	...	5.40	...
8	5.40	6.70	4.50	4.50	6.70	5.30	3.90	7.50	...	6.60	5.40
9	...	...	...	...	...	...	4.40	...	...	...	...
10	8.10	...	6.40	...	9.70	...	...	...	...	...	...
12	12.50	...	9.50	...	...	...	...	...	...	...	...

INCH	WARDING			KNIFE			Planer Knife	Cant Saw	Cross Cut	Cabinet Files	LEAD FLAT AND WOOD FILES	
	Bast.	2d Cut	Smooth	Bast.	2d Cut	Smooth					Flat	Hf. Rd.
4	4.00	4.80	5.40	5.40	0.10	0.40	...	...	...	...	...	...
6	4.50	5.30	5.80	6.10	6.70	7.10	...	...	...	...	...	...
6 1/2	4.90	5.90	6.40	6.90	7.50	7.90	...	5.40	...	8.10	4.80	7.00
8	6.40	7.50	8.20	8.50	9.10	9.50	0.40	6.40	7.50	10.10	6.30	8.50
10	8.70	10.10	11.00	10.10	11.50	12.30	8.00	8.70	9.10	13.70	8.60	10.70
12	...	...	...	13.70	15.20	16.10	...	...	...	...	11.80	14.10
14	...	...	...	...	...	...	...	...	...	24.80	16.00	18.50
16	...	...	...	...	...	...	...	...	...	...	21.50	24.70

INCH	FLAT WOOD RASPS		HALF ROUND WOOD RASPS		CABINET RASPS		SHOE RASPS		HOUSE RASPS	
	Bast.	Smooth	Bast.	Smooth	2d Cut	Smooth	Flat	Hf. Rd.	Plain 1/2 File	Tanged
6	...	...	8.10	10.10	10.10	11.70	...	...	...	...
8	9.40	12.80	10.10	13.70	12.80	15.50	10.10	10.10	...	...
9	...	...	...	...	...	...	12.30	12.30	...	...
10	12.80	17.50	13.70	18.70	17.50	20.70	18.70	18.70	12.80	16.80
12	17.50	23.20	18.70	24.80	22.80	26.80	...	...	...	19.00
13	...	...	...	...	...	...	...	...	17.80	23.10
15	23.20	30.80	24.80	32.90	29.00	33.90	...	...	20.90	...
16	...	...	...	...	...	...	...	...	24.40	32.20
18	...	...	...	...	...	...	...	...	32.90	...

The above list comprises all of the kinds, sizes, and cuts of files that will be regularly carried in stock. Anything differing from these files will be considered as special and will not be manufactured except in cases of urgent necessity; and when manufactured, price will be based strictly upon cost of material and cost of manufacture at time goods are made.



# BARTON'S GARNET PAPER, GARNET CLOTH AND GARNET COMBINATION STANDARD LIST PRICES

Adopted July 1, 1926

## BARTON'S ADIRONDACK CRYSTAL GARNET PAPER

In 50 Yard Rolls

X GRADES

REGULAR AND NOFIL COATING

Original Width	4/0X to 2/0X	0X	1/2X	1X	1 1/2X	2X	2 1/2X	3X	3 1/2X
24"	20.50	22.70	26.30	30.00	34.00	38.20	42.30	46.50	51.20
30"	25.60	28.35	32.85	37.50	42.50	47.75	52.85	58.10	64.00
36"	30.75	34.05	39.45	45.00	51.00	57.30	63.45	69.75	76.80
40"	34.15	37.85	43.85	50.00	56.70	63.70	70.50	77.50	85.35
42"	35.85	39.70	46.00	52.50	59.50	66.85	74.00	81.40	89.60
48"	41.00	45.40	52.60	60.00	68.00	76.40	84.60	93.00	102.40
Slit Width									
4"	4.00	4.40	5.00	5.65	6.40	7.10	7.85	8.60	9.40
5"	4.95	5.40	6.20	7.05	7.90	8.85	9.75	10.70	11.70
6"	5.90	6.45	7.40	8.40	9.45	10.55	11.65	12.80	14.00
7"	6.85	7.50	8.60	9.75	11.00	12.30	13.55	14.85	16.30
8"	7.80	8.55	9.85	11.15	12.55	14.05	15.50	16.95	18.60
9"	8.75	9.60	11.05	12.50	14.10	15.75	17.40	19.05	20.90
10"	9.70	10.65	12.25	13.85	15.65	17.50	19.30	21.15	23.20
12"	11.60	12.70	14.65	16.60	18.70	20.95	23.10	25.35	27.80
14"	13.45	14.80	17.05	19.35	21.80	24.40	26.95	29.55	32.40
15"	14.40	15.85	18.25	20.70	23.35	26.15	28.85	31.65	34.75
16"	15.35	16.90	19.45	22.05	24.90	27.85	30.75	33.75	37.05
18"	17.25	19.00	21.85	24.80	28.00	31.30	34.60	37.90	41.65
20"	19.15	21.10	24.30	27.55	31.10	34.80	38.40	42.10	46.25

Per Ream of 480 Sheets, 9x11"

REGULAR COATING

Nos. 4/0X to 2/0X	\$22.50
No. 0X	25.00
No. 1/2X	29.00
No. 1X	33.00
No. 1 1/2X	37.50
No. 2X	42.00
No. 2 1/2X	46.50
No. 3X	51.20
No. 3 1/2X	56.30

Garnet Paper carried in stock.

Sheets 3/0X to 3X

12" Rolls 1/2X to 3 1/2X

24" Rolls 1/2X to 2 1/2X

All other sizes and kinds will be shipped from factory.

Original shipping bundles are as follows:

Nos.	4/0X	3/0X	2/0X	0X	1/2X	1X	1 1/2X	2X	2 1/2X	3X	3 1/2X
Reams	5	5	4	3 1/2	3	2 1/2	2	1 1/2	1	1	1

## BARTON'S ADIRONDACK CRYSTAL GARNET CLOTH AND COMBINATION

Regular and Nofil Coating

Per Roll of 50 Yards

Width	4/0 to 2/0	0	1/2	1	1 1/2	2	2 1/2	3	3 1/2
4"	9.15	9.70	10.50	11.25	12.00	12.95	13.85	14.80	15.90
5"	11.40	12.05	13.10	14.00	15.00	16.15	17.25	18.45	19.80
6"	13.65	14.45	15.65	16.75	17.95	19.30	20.65	22.05	23.70
7"	15.90	16.80	18.25	19.50	20.90	22.50	24.10	25.70	27.65
8"	18.15	19.20	20.80	22.25	23.85	25.70	27.50	29.35	31.55
9"	20.35	21.55	23.40	25.00	26.80	28.85	30.90	33.00	35.45
10"	22.60	23.95	25.95	27.80	29.75	32.05	34.30	36.65	39.40
12"	27.10	28.70	31.10	33.30	35.65	38.45	41.15	43.95	47.25
14"	31.55	33.40	36.30	38.80	41.60	44.80	47.95	51.25	55.05
15"	33.80	35.80	38.85	41.55	44.55	48.00	51.35	54.90	59.00
16"	36.05	38.15	41.45	44.35	47.50	51.20	54.80	58.50	62.90
18"	40.55	42.90	46.60	49.85	53.40	57.55	61.60	65.80	70.75
20"	45.00	47.65	51.75	55.35	59.30	63.90	68.40	73.10	78.60
24"	49.80	52.80	57.40	61.50	66.00	71.20	76.30	81.60	87.80
28"	58.00	61.60	66.90	71.70	77.00	83.00	90.00	95.20	102.30

Belt Prices submitted upon request.

Garnet Cloth is made in the following weights:

XJ—A flexible Jeans cloth for sanding concave or convex mouldings or corner work.

XD—A heavy Drill cloth for flat belt work and general use.

XX—A heavier weight cloth than XD to stand more severe strain.

XXX—A heavy weight Duck cloth for exceptionally severe work.

Garnet Combination is made of heavy manila rope paper with a reinforcement of thin cloth, to give strength and stiffness where the additional strength of cloth is not desired.

Always state backing desired when ordering.

XJ Garnet Cloth is made in numbers 4/0 to 1.

XD Garnet Cloth is made in all numbers from 4/0 to 3 1/2.

## BARTON'S ADIRONDACK CRYSTAL GARNET FINISHING PAPER

Regular and Nofil Coating

Sheets 9x11 inches

For Ream of 480 Sheets

SINGLE FACED

Nos. 7/0, 6/0, 5/0, 4/0, 3/0 and 2/0	\$22.50
No. 0	25.00

DOUBLE FACED

Per Ream of 240 Sheets

Nos. 7/0, 6/0, 5/0, 4/0, 3/0 and 2/0	\$22.50
No. 0	25.00

Standard Bundles for Shipment contain:

All numbers—5 Reams per Bundle.

## STEEL WOOL



Steel Wool is the ideal product for scouring. The No. 0 grade is especially suitable for cleaning aluminum ware. Furnished in two sizes of package. The small packages contain about 2 oz.

No.	Grading	Small Package	1 lb.
0	Fine	\$ .10	\$ .70
1	Medium	.10	.65
2	Medium Coarse	.10	.55
3	Coarse	.10	.50



## FLINT OR "SAND" PAPER

Sheets  $8\frac{3}{4} \times 10\frac{1}{2}$ "

24 Sheets in a quire.

20 Quires in a ream.

Standard List Price

List	No.	No.	No.	No.	No.	No.	No.
.....	000, 00, 0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
Per Ream	\$6.75	\$7.20	\$8.10	\$9.15	\$10.35	\$11.70	\$13.20
Standard bundles for shipment contain.							
No.	000, 00, 0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
Reams	5	4	$3\frac{1}{2}$	3	2	2	$1\frac{1}{2}$

## ALOXITE CLOTH FOR METAL CUTTING

Aloxite cuts faster and does better work than emery.

Standard List Prices Adopted June 1st, 1926

No.	320 to 100	80	60	50	40	36	30	24
Standard Sheets 9"x11"								
	\$54.70	\$58.10	\$63.10	\$67.60	\$72.70	\$78.40	\$84.00	\$90.00
Per Ream of 480 Sheets								
No.	320 to 100	80	60	50	40	36	30	24
Original Width								
24 inches	\$49.80	\$52.80	\$57.40	\$61.50	\$66.00	\$71.20	\$76.30	\$81.60
28 inches	58.00	61.60	66.90	71.70	77.00	83.00	90.00	95.20
36 inches	75.90	80.40	87.30	93.45	100.20	108.00	115.65	123.60
Slit Widths								
3 inches	6.90	7.30	7.95	8.45	9.05	9.75	10.45	11.15
$3\frac{1}{2}$ inches	8.05	8.50	9.20	9.85	10.55	11.35	12.15	12.95
4 inches	9.15	9.70	10.50	11.25	12.00	12.95	13.85	14.80
5 inches	11.40	12.05	13.10	14.00	15.00	16.15	17.25	18.45
6 inches	13.65	14.45	15.65	16.75	17.95	19.30	20.65	22.05
7 inches	15.90	16.80	18.25	19.50	20.90	22.50	24.10	25.70
8 inches	18.15	19.20	20.80	22.25	23.85	25.70	27.50	29.35
9 inches	20.35	21.55	23.40	25.00	26.80	28.85	30.90	33.00
10 inches	22.60	23.95	25.95	27.80	29.75	32.05	34.30	36.65
12 inches	27.10	28.70	31.10	33.30	35.65	38.45	41.15	43.95
14 inches	31.55	33.40	36.30	38.80	41.60	44.80	47.95	51.25
15 inches	33.80	35.80	38.85	41.55	44.55	48.00	51.35	54.90
16 inches	36.05	38.15	41.45	44.35	47.50	51.20	54.80	58.50
18 inches	40.55	42.90	46.60	49.85	53.40	57.55	61.60	65.80
20 inches	45.00	47.65	51.75	55.35	59.30	63.90	68.40	73.10
27 inches	57.25	60.60	65.80	70.40	75.45	81.30	87.05	93.00

## PIKE'S INDIA OIL STONES

Made of artificial corundum and filled with oil during their manufacture.

India Oil Stones cut fast but also retain their shape as they do not wear down under ordinary use. Made in coarse, medium and fine grits. Specify which grit is wanted.

## BENCH STONE—SINGLE GRIT

No.	Size	Each
0	8 x2 x1 "	\$1.50
1	8 x $1\frac{3}{4}$ x $1\frac{1}{4}$ "	1.75
$1\frac{1}{2}$	7 x2 x1 "	1.25
2	6 x $1\frac{5}{8}$ x $\frac{3}{4}$ "	1.00
3	4 x1 x $\frac{1}{2}$ "	.60
24	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $\frac{3}{8}$ "	.75
29	6 x2 x1 "	1.15

## COMBINATION BENCH STONE

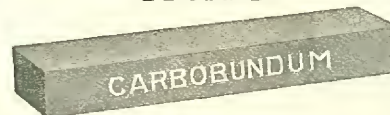
## TWO GRITS

No.	Size	Each
0C	8 x2 x1 "	\$2.00
1C	8 x $1\frac{3}{4}$ x $1\frac{1}{4}$ "	2.25
$1\frac{1}{2}$ C	7 x2 x1 "	1.75
2C	6 x $1\frac{5}{8}$ x $\frac{3}{4}$ "	1.35
3C	4 x1 x $\frac{1}{2}$ "	.85
24C	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $\frac{3}{8}$ "	1.00
29C	6 x2 x1 "	1.50

## ROUND EDGE SLIPS

No.	Size	Each
13	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{2}$ x $\frac{3}{16}$ "	.65
14	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{3}{8}$ x $\frac{1}{8}$ "	.65
15	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{1}{8}$ "	.65
22	$4\frac{1}{2}$ x $2\frac{1}{8}$ x $\frac{3}{8}$ x $\frac{5}{16}$ "	1.00
20	4 x1 x $\frac{1}{16}$ x $\frac{3}{16}$ "	.50
41	5 x1 x $\frac{5}{16}$ x $\frac{3}{32}$ "	.50

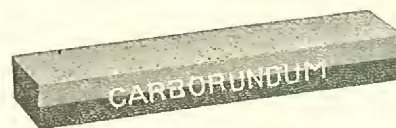
## CARBORUNDUM SHARPENING STONES



Carborundum stones are quite porous and may be tempered in their cutting by filling with vaseline. Can be used dry or with water or oil.

No.	Size	Inches	Grade	Each
115	8x2	x1 "	Fine	\$1.50
116	8x2	x1 "	Medium	1.50
117	8x2	x1 "	Coarse	1.50
118	8x2	x $\frac{3}{4}$ "	Fine	1.35
119	8x2	x $\frac{3}{4}$ "	Medium	1.35
120	8x2	x $\frac{3}{4}$ "	Coarse	1.35
121	6x2	x1 "	Fine	1.15
122	6x2	x1 "	Medium	1.15
123	6x2	x1 "	Coarse	1.15
124	6x2	x $\frac{5}{8}$ "	Fine	.90
125	6x2	x $\frac{5}{8}$ "	Medium	.90
126	6x2	x $\frac{5}{8}$ "	Coarse	.90
130	$6x1\frac{1}{2}$	x $\frac{1}{2}$ "	Fine	.70
131	$6x1\frac{1}{2}$	x $\frac{1}{2}$ "	Medium	.70
132	$6x1\frac{1}{2}$	x $\frac{1}{2}$ "	Coarse	.70
133	7x2	x1 "	Fine	1.25
134	7x2	x1 "	Medium	1.25
135	7x2	x1 "	Coarse	1.25
136	5x2	x $\frac{5}{8}$ "	Fine	.75
137	5x2	x $\frac{5}{8}$ "	Medium	.75
138	5x2	x $\frac{5}{8}$ "	Coarse	.75

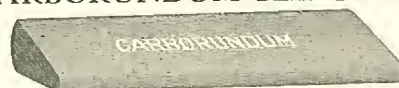
## CARBORUNDUM COMBINATION BENCH STONES



The Carborundum Combination Stones are made with one side of coarse and one side very fine grit. The coarse side can be used for bringing the dull tools to an edge, the fine side to give the required keen finished edge.

No.	Size	Each
108	8x2 x1 "	\$1.75
109	6x2 x1 "	1.25
110	7x2 x1 "	1.50
111	5x2 x $\frac{3}{4}$ "	1.00
112	$4x1\frac{3}{4}$ x $\frac{5}{8}$ "	.85

## CARBORUNDUM SLIP STONES

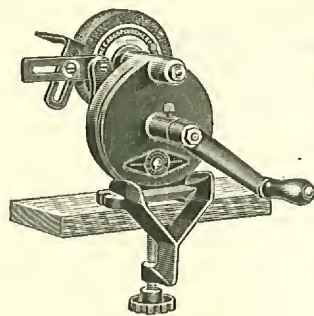


Made in five sizes and three different grits of each size. These slip stones cut rapidly and retain their shape.

No.	Size	Grade	Each
174	6 x $2\frac{1}{4}$ x $\frac{3}{4}$ x $\frac{3}{8}$ "	Fine	\$1.15
175	6 x $2\frac{1}{4}$ x $\frac{3}{4}$ x $\frac{3}{8}$ "	Medium	1.15
176	6 x $2\frac{1}{4}$ x $\frac{3}{4}$ x $\frac{3}{8}$ "	Coarse	1.15
177	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{1}{16}$ "	Fine	.65
178	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{1}{16}$ "	Medium	.65
179	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{1}{16}$ "	Coarse	.65
180	$4\frac{1}{2}$ x $2\frac{1}{8}$ x $\frac{3}{8}$ x $\frac{5}{16}$ "	Fine	.90
181	$4\frac{1}{2}$ x $2\frac{1}{8}$ x $\frac{3}{8}$ x $\frac{5}{16}$ "	Medium	.90
182	$4\frac{1}{2}$ x $2\frac{1}{8}$ x $\frac{3}{8}$ x $\frac{5}{16}$ "	Coarse	.90
183	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{2}$ x $\frac{3}{16}$ "	Fine	.65
184	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{2}$ x $\frac{3}{16}$ "	Medium	.65
185	$4\frac{1}{2}$ x $1\frac{3}{4}$ x $\frac{1}{2}$ x $\frac{3}{16}$ "	Coarse	.65
186	4 x1 x $\frac{1}{16}$ x $\frac{3}{16}$ "	Fine	.60
187	4 x1 x $\frac{1}{16}$ x $\frac{3}{16}$ "	Medium	.60
189	4 x1 x $\frac{1}{16}$ x $\frac{3}{16}$ "	Coarse	.60



## CARBORUNDUM NIAGARA GRINDERS

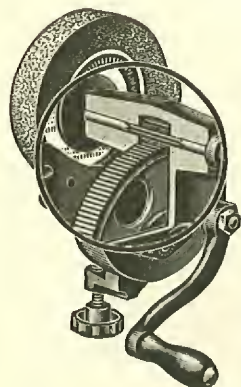


Nos. 1, 2, 3 and 4

No.	Wheel	Arbor	Grit	Each
1	4x1 "	3/8"	Fine	\$ 5.75
2	5x1 "	3/8"	Medium	6.50
3	6x1 "	1/2"	Medium	9.50
4	7x1 1/4 "	1/2"	Medium	11.00

One grinder in a box.

In workmanship, design and mechanical construction Carborundum Grinders are the highest grade. Every part from gears to handle is accurately made and carefully assembled. Gear case made of gray iron. Parts subject to strain made of malleable iron. Each machine is equipped with a carborundum wheel, and with tool rest.



## CARBORUNDUM BLUE KNIGHT GRINDERS

The Blue Knight line of grinders while not up to the high standard of the Niagara line of grinders shown above are nevertheless serviceable, well made and carefully assembled. The gears are machine cut cast iron and the pinions are machine cut steel.

These grinders are finished in blue enamel. Equipped with carborundum wheel and rest.

Sizes A, B and C

Size	Wheel	Arbor	Grit	Each
A	4x1 "	5/8"	Medium	\$3.50
B	5x1 "	3/8"	Medium	4.75
C	6x1 "	3/8"	Medium	6.50

One grinder in a box.

## CARBORUNDUM RUBBING BRICKS



Plain



Fluted 2 Sides

For rubbing down cement and stone work for dressing granite, marble or cast iron. Very coarse grain.

Size	Style	Each
6x2x1"	Style—Plain	\$ .75
6x2x2"	Style—Plain	1.35
8x2x2"	Style—Plain	1.50
8x2x2"	Style—Fluted	1.50

## CARBORUNDUM GRAINS

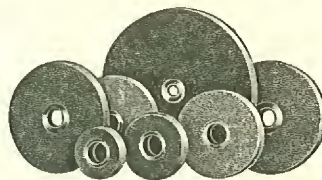
Numbered the same as emery in accordance with the number of threads per lineal inch of the sieve through which they have passed.

The very coarse grains are sometimes used in cement stair treads to prevent slipping.

Carried in stock in the following sizes. No. 10, 80, 120 and F. F is flour and too fine to sieve.

All grits, per pound.....\$ .50

1 lb. and 5 lb. cans.



## CARBORUNDUM AND ALOXITE GRINDING WHEELS

## PRICE LIST

CARBORUNDUM AND ALOXITE WHEELS  
STRAIGHT WHEELS

Diameter	THICKNESS OF WHEELS IN INCHES					
	1/4	3/8	1/2	5/8	3/4	7/8
1	\$ .55	\$ .65	\$ .70	\$ .75	\$ .85	\$ .90
1 1/2	.60	.70	.80	.85	.95	1.00
2	.80	.90	1.00	1.10	1.20	1.30
2 1/2	.90	1.05	1.15	1.25	1.35	1.45
3	1.00	1.15	1.25	1.40	1.50	1.65
3 1/2	1.15	1.30	1.45	1.60	1.70	1.85
4	1.40	1.50	1.70	1.85	2.00	2.20
4 1/2	1.60	1.75	2.00	2.20	2.35	2.60
5	1.80	2.00	2.30	2.50	2.70	2.95
6	2.30	2.60	2.90	3.20	3.50	3.80
7	2.75	3.15	3.55	3.90	4.30	4.75
8	3.25	3.75	4.25	4.75	5.30	5.75
9	3.70	4.35	5.00	5.60	6.25	6.80
10	4.30	5.15	5.90	6.70	7.45	8.20
12	5.50	6.20	7.25	8.25	9.35	10.40
Diameter	1	1 1/4	1 1/2	1 3/4	2	
	1	1 1/4	1 1/2	1 3/4	2	
1	\$1.00	\$1.15	\$1.25	\$1.40	\$1.55	
1 1/2	1.10	1.30	1.45	1.65	1.80	
2	1.40	1.60	1.80	2.00	2.20	
2 1/2	1.55	1.80	2.00	2.25	2.45	
3	1.75	2.00	2.25	2.50	2.75	
3 1/2	1.95	2.25	2.50	2.80	3.05	
4	2.35	2.70	3.00	3.35	3.70	
4 1/2	2.80	3.20	3.55	3.95	4.35	
5	3.20	3.65	4.10	4.55	5.00	
6	4.10	4.70	5.30	5.90	6.50	
7	5.15	5.85	6.70	7.50	8.25	
8	6.25	7.25	8.30	9.30	10.30	
9	7.45	8.70	10.10	11.40	12.70	
10	9.00	10.50	12.25	14.00	15.75	
12	11.50	13.75	15.75	17.85	20.00	

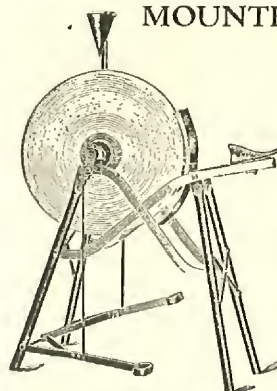
## GRINDING WHEEL DRESSERS



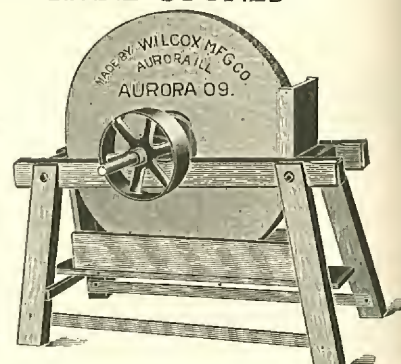
For truing, shaping and removing glaze from grinding wheels.

Dresser with 2 sets of cutters, each.....\$1.25  
Cutters only, per set..... .20

## MOUNTED GRIND STONES



No. 400



No. 09

No. 400 Tubular Steel Frame. Two treadles, ball bearing journals, best quality Berea Grit Stone 19 to 22" in diameter, 1 3/4 to 2 1/4" thick. Finish red paint, weight 100 lbs.

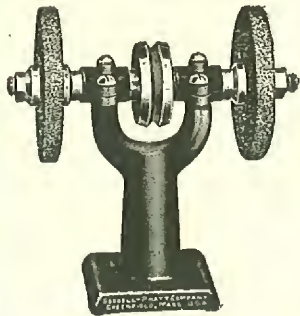
Each.....\$10.00

No. 09 Hardwood frame, painted red, removable axle, stone is best Berea Grit. Pulley 12x3".

Size Stone—30x4"	Weight—310 lbs.	Each
Size Stone—36x4"	Weight—410 lbs.	Each
Size Stone—42x5"	Weight—650 lbs.	Each
Size Stone—48x6"	Weight—980 lbs.	Each



## GRINDING HEADS



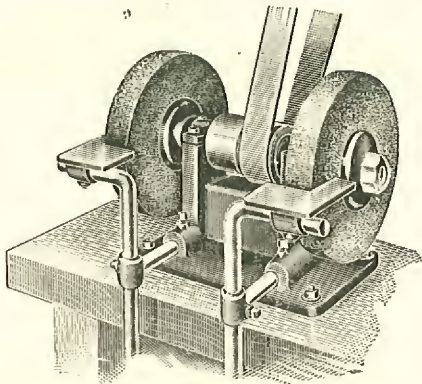
No. 25 1/2

## GOODELL-PRATT

No. 25 1/2 has two wheels 4" diameter and 1/2" thick of different grits. Suitable for small work. Spindle 1/2" diameter, 3" long. Pulley is 2 1/4" dia. and will take 1/4" round belt or 3/4" in flat belt. Stands 7" high. Finished in red and black enamel, steel parts polished bright.

Weight 4 1/4 lbs. Each.....\$6.60

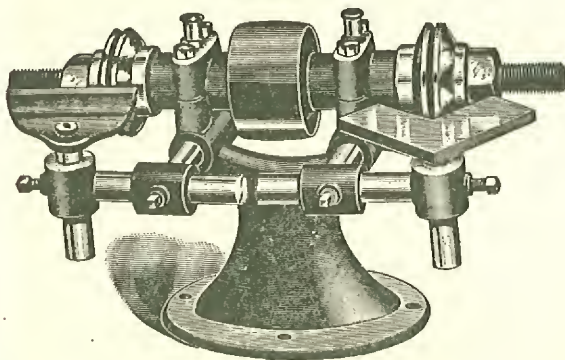
## No. 28 NIAGARA GRINDER HEAD



A splendid grinder head for the small shop where power is available. It is sturdy and every part is accurately machined and assembled. The main casting is of the best grade of gray iron. The bearings are lined with genuine babbitt and are adjustable so as to take up any possible wear. The shaft is made from the best quality of crucible steel. Each grinder head is furnished with a fine and a coarse Carborundum wheel for general grinding purposes. The wheels are 7" in diameter, 1 1/4" thick, 3/4" hole. Packed, one in wood box. Weight 36 lbs.

No. 28 Grinder Head.....\$20.00

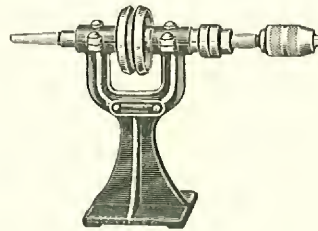
## CHAMPION



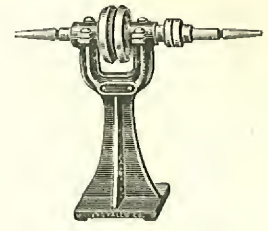
No. 3 Champion Bench Grinder, holds two wheels 10x1 1/2" or smaller. The bearings are equipped with ring oilers. Arbor 1x15". Pulley 2 3/8x1 3/4". Arbor to bench 6 3/4". Size of base 10 1/2x6". Wheels have 3/4" arbor hole. The oil reservoirs hold sufficient oil to lubricate for three months. Weight 25 lbs. Tool rests as shown in illustration.

No. 3 Grinder only without wheels.....	\$11.50
Extra for tight and loose pulley.....	2.75
Column or stand for No. 3, 28" high.....	11.50
Guards for wheels, per set.....	6.00
Countershaft with 9x2" drive pulley and 5x2" tight and loose pulleys, shaft 1x21".....	12.50

## MILLERS FALLS POLISHING HEADS



No. 250

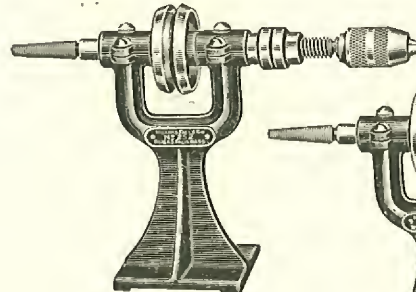


No. 251

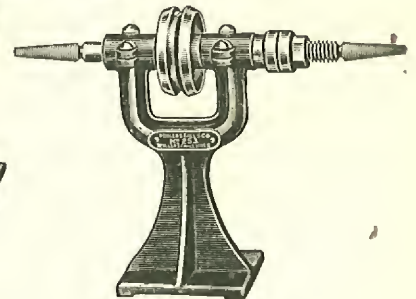
This is a small, well proportioned head which will accommodate wheels 1" thick and with 1/2" hole. Tapered end of spindle takes felt or other cloth buffing wheels. Equipped with Miller's Falls 3 jaw chuck with capacity 0-7/8" round shank. Flanges adjustable 0-7/8", securely locked by nut. Pulley grooved for 1/4" round belt or the 3/4" face can be used for flat belt. Height to center of spindle 6". Diameter of spindle 1/2". Base measures 2 3/4x2 3/4". Diameter of pulley 1 1/8". Weight 2 1/4 lbs.

No. 250 with chuck, each.....\$2.90

251 without chuck, each.....2.40



No. 252



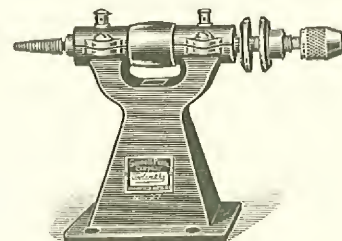
No. 253

This head is of the same general construction as No. 251 but is larger and heavier. Takes wheels 1" thick with 1/2" hole. Equipped with Miller's Falls 3 jaw chuck, with capacity 0-1/4" round shanks. Height to center of spindle 6". Diameter of spindle 5/8". Base measures 3 1/4x3 1/4". Diameter of pulley 2 1/4". Weight 3 1/4 lbs.

No. 252 with chuck, each.....\$4.25

253 without chuck, each.....3.40

## GOODELL-PRATT



No. 27

This machine has a 3/4" steel spindle 11" long, provided with a Taper Screw on one end, and a three jawed chuck, capacity 0 to 1 1/4" on the other. It also has Flanges for holding a wheel 6" in diameter, 3/4" thick with a 1/2" hole. The pulley is 1 3/4" in diameter with a 1 3/8" face for flat belt only. This machine has adjustable boxes and patent oil cups. Iron parts are finished in black and red enamel, steel parts polished. Height 7". Net weight 9 lbs. Each.....\$8.00

All packed one in a box.



## SPRING BALANCES

BRASS FRONT  
Ordinary Quality

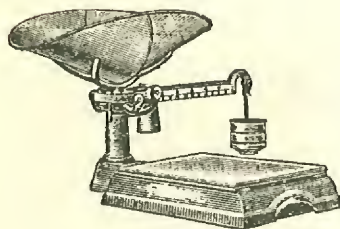
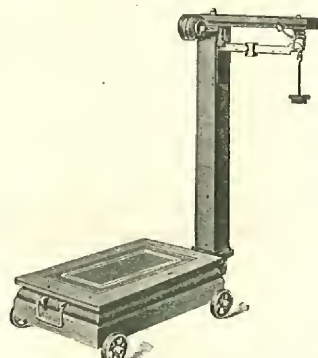
No.	20 Weighs	25 lbs. by 1/2 lb., each	\$ .30
	30 Weighs	50 lbs. by 1 lb. each	\$ .55

## Extra Quality

No.	40 Weighs	25 lbs. by 1/2 lb., each	\$ .60
	50 Weighs	30 lbs. by 1/2 lb., each	.70
	60 Weighs	40 lbs. by 1/2 lb., each	1.75
	70 Weighs	50 lbs. by 1 lb., each	1.25
	80 Weighs	80 lbs. by 1 lb., each	3.50
	90 Weighs	100 lbs. by 1 lb., each	5.50
	150 Weighs	200 lbs. by 5 lbs., each	6.00



## PLATFORM SCALES

Counter Scale  
With ScoopPortable Platform  
Scale

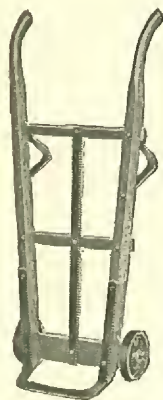
Union Counter Platform Scale with Scoop.

Single Beam Platform 10x14". Capacity 1/2 oz. to 240 lbs.  
Hardened bearings. Each  
With tin scoop.....\$20.00  
With brass scoop.....23.00

Portable Warehouse Platform Scale.

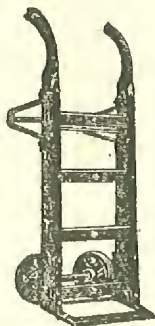
Capacity 1000 lbs. Single brass beam. Beam registers 1/2 to  
100 lbs. Platform 17x26". Painted blue. A reliable scale.....\$40.00

## WAREHOUSE TRUCKS



No. 214

No. 214 for light cases  
and bags. Length of handle  
46". Width at top bar 17 1/2".  
Width at nose 12". Wheels  
6x1 1/2". Axle 3/4". square.  
Weight 23 lbs.  
Price, each.....\$9.50



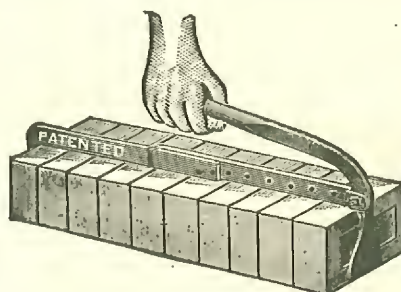
No. 200-2

No. 200-2 for heavy work.  
Wheels inside. Length of  
handles 50". Width at top  
bar 21". Width at nose 21".  
Wheels 8x2 1/2". Axle 7/8"  
square. Weight 66 lbs.  
Price, each.....\$17.50

## SKIDS

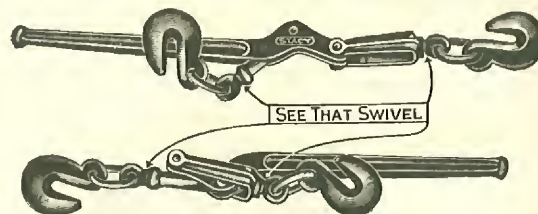


Length	Width Inside	Constructed of selected oak or ash.	Side Rails	Weight	Each
8 ft.	12 1/2"		1 3/4 x 3 1/4"	44 lbs.	\$15.60
10 ft.	12 1/4"		1 3/4 x 3 3/4"	53 lbs.	17.50
12 ft.	13 1/2"		1 3/4 x 4"	72 lbs.	20.00

BRICK CLAMP  
OR CARRIER

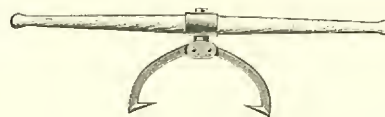
Indispensable as a  
time saver in handling  
brick. The round handle  
is easy on the hands.  
No. 1, each.....\$2.25

## THE STACY IMPROVED LOAD BINDER



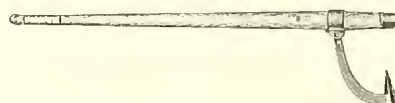
For binding loads of lumber, logs or pipe on to wagons or trucks.  
Note the double swivels. The Goodyear is the standard load  
binder. Made of heavy steel forgings.  
Regular size, each.....\$2.75  
Jumbo size, each.....3.75

## TIMBER CARRIERS



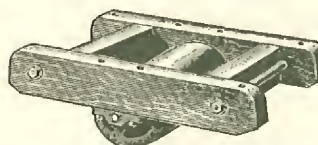
For handling ties, poles  
and timbers. Handle  
swivels, will grapple any-  
thing from 3" to 16".  
Maple handle 2 1/2" x 4".  
Each .....\$4.50

## CANT HOOKS



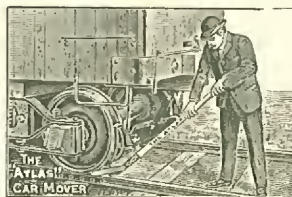
Duckbill hook, mal-  
leable clasp, short toe  
ring. Select rock  
maple handle 2 1/2"  
diameter x 4' long.  
Each .....\$4.00

## CONTRACTORS' DOLLEY



Can be used as a truck or  
inverted and used as a roller.  
Very strong wood frame.  
Heavy cast iron roller 6" in  
diameter. Height overall 8".  
Each .....\$12.00

## THE ATLAS CAR MOVER



Delivers the most power and  
moves car the farthest with a given  
number of strokes. The ideal  
mover for car spotting. See illus-  
tration below. Handle selected  
rock maple. Castings certified  
malleables. Spurs high Carbon  
tool steel.

Atlas Car mover, complete, each.....\$7.00  
Extra spurs, per set......60



The Atlas Car Mover



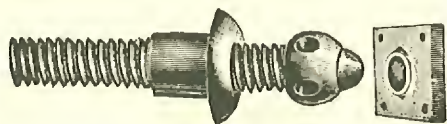


## BELL BOTTOM JACK SCREWS

Cast Iron Stands with Forged Head Screws.

Dia. Screw	Height Stand	Height Overall	Capacity Tons	List Each
1 1/2"	8"	11 "	12	\$4.25
1 3/4"	10"	13 1/2"	16	5.75
2 "	10"	14 "	20	6.75
2 "	12"	16 "	20	7.50
2 "	14"	18 "	20	8.25
2 "	16"	20 "	20	9.25

## HOUSE RAISING SCREWS



Screw and head made of steel. Cap and nut made of Cast Iron. Diameter of screw 3".

Length .....	24"	30"	36"
List, each .....	\$19.20	\$21.60	\$24.00

## DUFF GENUINE BARRETT AUTOMATIC LOWERING JACKS



These jacks are extensively used by conductors, truckmen, industrial concerns, street railway companies and others requiring a jack suitable for all general lifting purposes. They have no equal in strength, safety, ease in operation, light weight, and moderate cost. Being double acting, the load is moved up or down half a notch on both the upward and downward strokes of the lever. The direction is determined by an eccentric at the side of the frame. The load is lowered gradually. These jacks can be operated at any angle.

No. of Jack	Capacity In Tons	Height Inches	Raise Inches	Weight Pounds	List Each
13	5	14	6 1/2	29	\$15.00
50	5	16	8	35	16.00
51	5	21	13	42	18.00
2	10	21	10	70	25.00
4	15	22	10	106	35.00

## FITTINGS FOR TIMBER BRACES



This style brace can be used in any width trench, from 2 ft. up to 30 ft. and is especially valuable in very wide and deep trenches. Also used vertically for foundation work and in mines. When ordering give size of Screw and Cap wanted.

Size of Screw Inches	Size of Cap Inches	List Price Per Set*	Butt End Caps Each
1 1/2 x 14"	4x 4"	\$2.25	.38
1 1/2 x 14"	6x 6"	2.50	.50
1 1/2 x 18"	6x 6"	2.75	.50
2 x 18"	6x 6"	4.75	.63
2 x 18"	6x 8"	5.00	.88
2 x 18"	10x 10"	5.25	1.25
2 x 18"	9x 12"	5.50	1.38

\*Without Butt End Caps. Timbers not furnished.

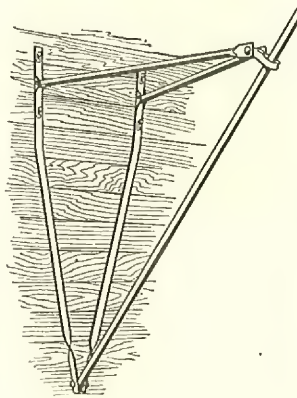
## SEWER BRACES



The lengths given are overall measurements of braces when closed. Take extreme width of trench, deduct for planking on both sides of trench (usually about 8") and several inches more for variations in cut, and remainder will give size of brace wanted, the screw being extended to tighten brace in position.

Size of Screw Inches	Length of Brace Closed	Weight Pounds Each	Price Complete Each	Price Without Pipe	Price Screw Ends Only
1 1/2 x 11	16"	17	\$2.88	\$2.50	\$1.88
1 1/2 x 12	18"	18	2.88	2.50	1.88
1 1/2 x 14	21"	19	3.00	2.63	2.00
1 1/2 x 14	24"	20	3.00	.....	.....
1 1/2 x 16	27"	21	3.25	2.75	2.13
1 1/2 x 16	30"	22	3.25	.....	.....
1 1/2 x 18	36"	23	3.38	2.88	2.25
1 1/2 x 18	42"	26	3.50	.....	.....
1 1/2 x 18	48"	27	3.63	.....	.....
2 x 18	36"	45	6.38	5.63	4.13
2 x 18	42"	47	6.50	.....	.....
2 x 18	48"	49	6.63	.....	.....
2 x 18	54"	51	6.75	.....	.....
2 x 18	60"	53	6.88	.....	.....

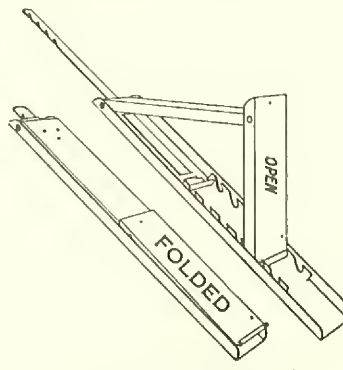
## RELIABLE FOLDING SCAFFOLD BRACKETS



To hang this bracket, drive four nails slanting down into the siding and slip the bracket into place. No cutting of siding. The clutch grips the pipe perfectly. The heavier the load, the tighter the grip. There is no sway or wobble. To remove lift bracket off of nails. Made in two sizes, 36" which is regular, and 48" for use under wide cornices.

36" Each.....	\$3.75
48" Each.....	4.50

## AJAX FOLDING ROOFING BRACKETS



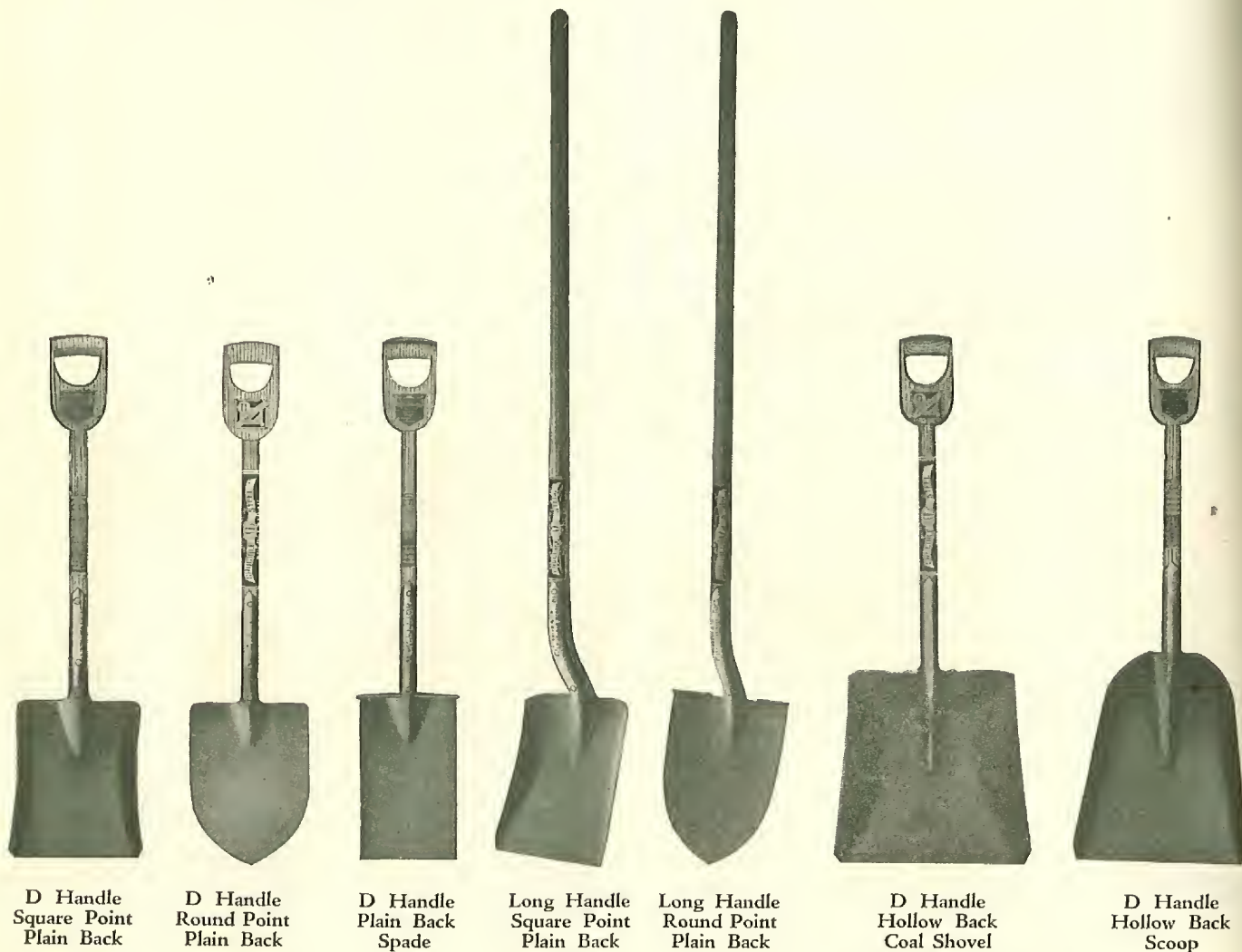
Made of heavy galvanized steel. The brackets are held in position on the roof by thin strips of steel hooked under the head of nails driven into roof boards. Nails can be roofed over and brackets then removed without use of tools. Brackets are adjustable and have plank stop. Fold up compactly. Ajax Roofing Brackets,

Each .....	\$3.00
Extra Nailing Strips, Each .....	.40

AJAX No. 1



## SHOVELS



Size No.	Brand	Type	Point	Handle	Back	Dimensions of Blade	Finish of Blade	Price Each
2	Hardware	Dirt	Square	D	Plain	9 3/4 x 11 3/4"	Half Pol.	1.50
3	"	"	"	"	"	10 1/4 x 12 1/4"	" "	1.60
2	Wier	"	"	"	"	9 3/4 x 11 3/4"	" "	1.75
2	Hardware	"	Round	"	"	9 1/4 x 12 3/4"	" "	1.50
3	"	"	"	"	"	9 1/2 x 13 1/4"	" "	1.60
2	Wier	"	"	"	"	9 1/4 x 12 3/4"	" "	1.75
2	Hardware	"	Square	Long	"	9 3/4 x 11 3/4"	" "	1.50
2	"	"	Round	"	"	9 1/4 x 12 3/4"	" "	1.50
2	"	Spade	Square	D	"	7 x 12	" "	1.50
2	"	"	"	Long	"	7 x 12	" "	1.50
1	Wier	Coal	"	D	Hollow	13 1/2 x 14	" "	1.50
2	"	"	"	"	"	14 x 14 1/2"	" "	1.65
3	"	"	"	"	"	14 1/2 x 15	" "	1.75
2	"	"	"	Long	"	14 x 14 1/2"	" "	1.65
2	"	"	"	D	"	11 x 15	" "	1.50
3	"	} Eastern Pattern Scoop	"	"	"	11 1/4 x 15 1/2"	" "	1.65
4	"		"	"	"	12 x 16	" "	1.75
6	"		"	"	"	13 x 17	" "	2.00

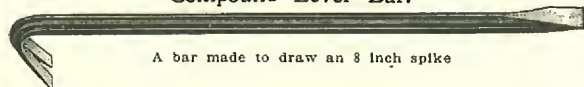
Shovels packed 6 in a bundle.



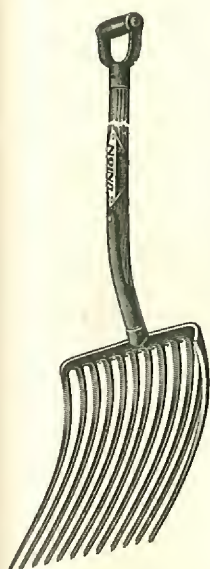
## FORKS, SHOVELS AND BARS

## CLAW BARS

Compound Lever Bar.



A bar made to draw an 8 inch spike



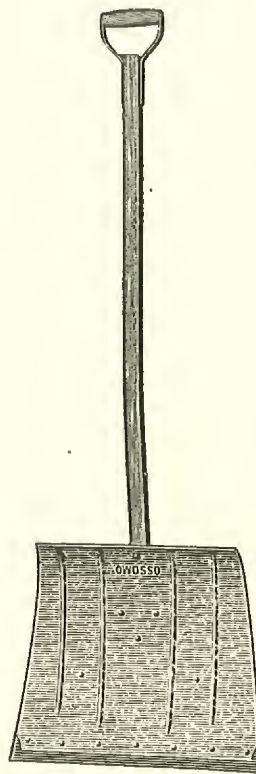
Coal Fork



Spading Fork



Concrete Spade

D Handle  
Furnace Scoop

Snow Shovel

Sidewalk  
Scraper

## CROW BARS

Pinch  
PointWedge  
Point

## COAL and COKE FORKS—"D" Handle, Strap Ferrule, Diamond Tines, Black Finish

No.	Type	Tines	Length	Width	Space Between Tines	Each
C112	Coal	12	16"	13"	7/8"	\$3.50
K10	Coke	10	17"	14"	1 1/4"	3.00

## SPADING FORKS—"D" Handle, Strap Ferrule, Diamond Back Tines

Forged	Grade	4 Tines	Bronze Finish	\$1.75
Malleable	"	4 "	Black "	1.50

## CONCRETE SPADES—Best Quality, Perforated Blade, Plain Back

"D"	Handle	No. 2	Size Blade 8x14"	Polished Finish	\$2.75
Long	"	2	" " 8x14"	" "	2.75

## HOUSE FURNACE SCOOP—Common Grade, Hollow Back

"D"	Handle	Size Blade 9 1/4 x 14"	Black Finish	\$ .75
Long	"	" " 9 1/4 x 14"	" "	.75

## SNOW SHOVELS—Blade Diagonally Braced and Hardwood Handle Bent to Blade

No. 33	Size Blade 17x16"	Galvd. Steel Varnish overall	\$1.50
" 34	" " 21x16"	" "	.75

## SIDEWALK SCRAPERS

9" Forged Blade, Shank and Blade one piece.	Made for hard use.	\$1.00
8" Pressed " " " " " "	Made for light work	.65

## CROW BARS—Pinch Point Bar Will be Sent Unless Wedge Point is Specified

Length 4'0"	Size Square 1 "	Weight 10 lbs.	\$1.25
" 4'6"	" " 1 1/8"	" 14 "	1.75
" 5'0"	" " 1 1/4"	" 18 "	2.25
" 5'6"	" " 1 3/8"	" 24 "	3.00
" 6'0"	" " 1 1/2"	" 28 "	3.50

## CLAW BARS—Made of Octagon Tool Steel

Size	5/8x18"	3/4x24"	3/4x30"	7/8x36"
Each	\$ .50	\$ .60	\$ .75	\$1.00



## WHEEL BARROWS

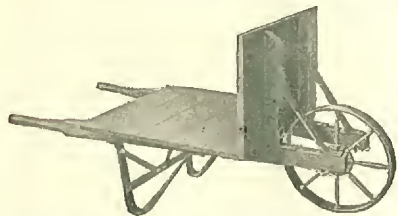
### RAILROAD OR DIRT BARROWS



Width, Front, 20 $\frac{1}{4}$ ".  
Width, Back, 23 $\frac{3}{4}$ ".  
Handles 1 $\frac{1}{2}$ "x2x60".  
Wheels, 16" diameter.  
Capacity, 2 cubic ft.  
Made of seasoned hard-  
wood throughout. Steel  
wheel. Bolted frame.

Mortised tray corners. Painted red. Each.....\$4.50

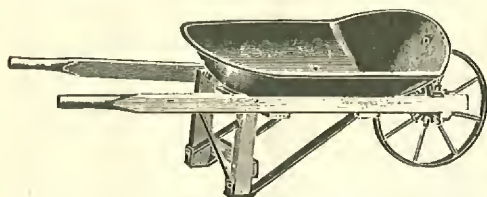
### BRICK AND TILE BARROWS



Bed, 24x27 $\frac{1}{2}$ "; Dash,  
24x16 $\frac{1}{2}$ "; Length, 60 $\frac{1}{2}$ ";  
Weight, 65 lbs.; Wheel,  
16"; extra heavy. Made  
of sound and seasoned  
Oak, Ash or Hickory,  
with Channel Steel Legs  
and steel wheel. Bolted  
frame. Strongly braced  
and heavy construction

throughout. Painted blue. Designed for handling brick, con-  
crete building blocks and hollow tile. Each.....\$10.00

### CONTRACTORS STEEL TRAY DIRT BARROWS



Weight, 55 lbs.;  
Tray, 28" wide;  
Total length,  
59"; Heaped  
capacity is 3 Cu.  
feet. A medi-  
um priced dura-  
ble barrow with  
pressed steel

tray, with wired edges. Hardwood handle and legs with steel  
leg braces. Malleable iron brackets, 16" steel wheel. Tray made  
of 14 Ga. Steel. Side Dump. Each.....\$8.00

### CONCRETE BARROWS

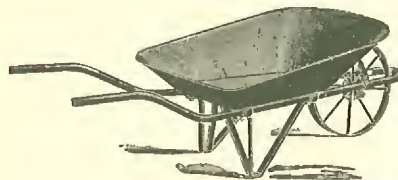


Deep trays with straight  
sides. Wheel guard per-  
mits forward dumping.  
Large capacity, yet nar-  
row enough for ordinary  
door ways. Hardwood  
handles, channel legs.  
The most popular type of

barrow with contractors. 15 Ga. Steel trays with wired edges.  
16" steel wheel.

No.	Heaped Capacity	Even Full Capacity	Overall Width	Weight Each	Each
M3.....	3 $\frac{1}{2}$ Cu. ft.	2 Cu. ft.	26 $\frac{1}{2}$ "	65 lbs.	\$ 9.00
M4.....	4 " "	3 " "	27 $\frac{1}{4}$ "	71 lbs.	10.00

### ALL STEEL TUBULAR FRAME



For concrete, coal, cin-  
ders, hot ashes and gen-  
eral purposes. Contin-  
uous tubular steel handles  
forming wheel guard and  
permitting forward dump-  
ing. Channel legs with  
shoes. Tray and wheel  
same as No. M4 shown  
above.

No. M5, Overall width 27 $\frac{1}{4}$ ", Wt. 76 lbs. Ea.....\$12.00

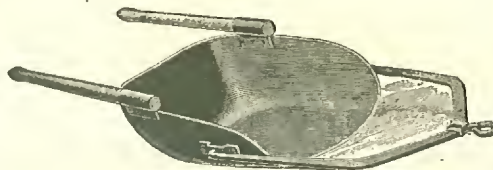


### GARDEN BARROWS

Hardwood frame, steel  
wheel 16 $\frac{1}{2}$ ". Removable  
side boards. Well made  
and braced. Painted  
green and varnished.

No.	Width at Handles	Total Length	Capacity Cu. Ft.	Weight Lbs.	Each
82.....	20"	63"	3	50	\$ 9.00
83.....	22"	69"	4	55	10.00

## DRAG SCRAPERS



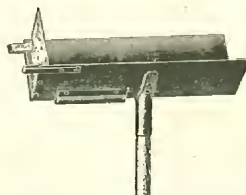
With Runners on Bottom

Made in three sizes. The largest for heavy grading and long  
hauls. The medium size for general work and is easily handled  
by one man and team. The small size is a one horse scraper, for  
use on high banks, roads and ditches. Can be used wherever a  
plow will work.

XL3	Capacity	3	Cu. Ft.	Wt.	76 lbs.	.....	\$12.00
XL2	"	5	"	"	90 "	.....	14.00
XL1	"	7	"	"	97 "	.....	16.00

## MORTAR HODS

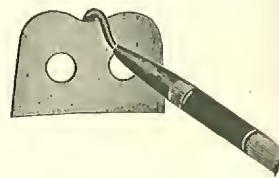
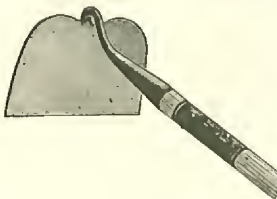
### BRICK HODS



Steel hods, reinforced and with broad shoulder rest. Hods  
painted red. Hardwood handle.

Brick	Hod, 22x 7 x10".	Each.....	\$2.00
Mortar	Hod, 26x11 $\frac{1}{2}$ x12".	Each.....	2.50

## MORTAR HOES



Plain

With Holes

### Polished Blades

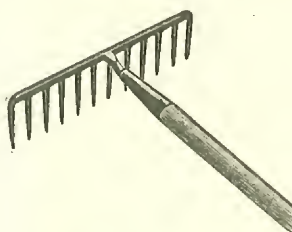
10"	Blade, Plain Solid Shank, Handle 5 ft.	Each.....	\$1.75
10"	" " with holes, Solid Shank, Handle 5 $\frac{1}{2}$ ft.	Each.....	1.75

## ROAD, CONCRETE AND ASPHALT RAKES

Extra heavy, single shank.  
Black Fin. 6 ft. handles.

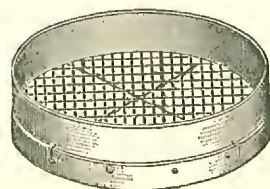
Type of Rake	Each
14 Tooth Steel, Road.....	\$2.00
16 " Malleable, Road 1.75	
14 Tooth Mal., Asphalt.....	2.25

This asphalt rake has a square  
shank, 18" long.



## RIDDLES

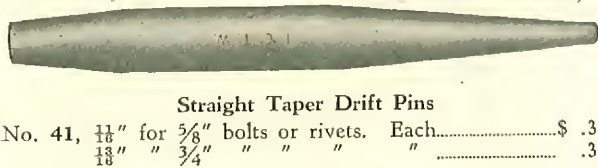
17" diameter hardwood rim steel  
wire. Braced bottom. Meshes 2,  
4, 6, 8, 10 and 12. All meshes.  
Each .....\$1.10





## TOOLS FOR STRUCTURAL STEEL ERECTORS

### DRIFT PINS



Straight Taper Drift Pins

No. 41,  $\frac{11}{16}$ " for  $\frac{3}{8}$ " bolts or rivets. Each.....\$ .30  
 $\frac{13}{16}$ " "  $\frac{3}{4}$ " " " " " " " ".....\$ .30

### BACKING OUT PUNCHES



No. 25  $\frac{5}{8}$ " Punch 7" long. Each.....\$1.30  
 $\frac{3}{4}$ " " " 7" " " " " " " ".....1.40

### RIVET BUSTER



No. 79 Weight 5 lbs. Each.....\$2.00

### BLACKSMITHS CHISELS



No. 5 COLD CUTTER



No. 6 HOT CUTTER

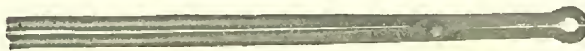
No. 5 Cold Cutter

Weight.....	3 lbs.	4 lbs.	5 lbs.
Size square at eye.....	$1\frac{1}{2}$ "	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "
Length.....	$6\frac{3}{4}$ "	7 "	$7\frac{1}{2}$ "
Price.....	\$1.40	\$1.90	\$2.30

No. 6 Hot Cutter

Weight.....	3 lbs.	4 lbs.	5 lbs.
Size square at eye.....	$1\frac{1}{2}$ "	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "
Length.....	$8\frac{1}{4}$ "	$8\frac{3}{4}$ "	9 "
Price.....	\$1.40	\$1.90	\$2.30

### RIVET TONGS



No. 365 Sticker Tong



No. 366 Heating or Throwing Tong

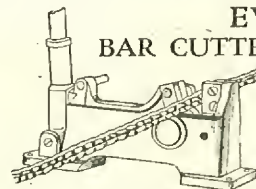
No. 365 18" Sticker Tong Each.....\$1.70  
 366 18" Throwing " " ".....2.00

### CONSTRUCTION WRENCHES

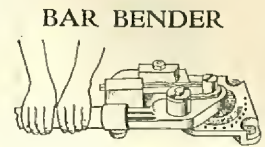


No. 410 Offset Head and Pointed End

No. 410 for  $\frac{3}{8}$ " Bolt or Nut. Each.....\$ .90  
 No. 410 "  $\frac{3}{4}$ " " " " " ".....1.00

EWELDCO  
BAR CUTTER

Senior Type



BAR BENDER

Type B

The Eweldco Senior Type Bar Bender is the best for field work because: It has open throat, just drop the bar into the jaws at the point to be cut. It is portable, weighs only 100 lbs., can be carried to the job. Large capacity, will shear 1" square or flats up to  $\frac{5}{8}$ x2", operated by one man. Durable, made of Electric Steel, will not fracture from a fall or blow. Shear blades finest quality.

Senior Type Bar Cutter. Each.....\$125.00

The Eweldco Bar Bender Type B is made of Electric Steel, best in quality, strength and uniformity. Weighs but 70 lbs., yet it will bend to any angle, rod up to and including  $1\frac{1}{4}$ " square or flats up to  $\frac{5}{8}$ x2". Special roller pins reduce friction in bending. No dies or set screws to adjust. Use a piece of 2" pipe for lever.

Type B Eweldco Bar Bender. Each.....\$55.00

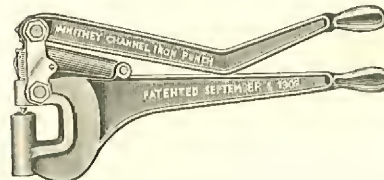
### PORTERS NEW EASY BOLT CLIPPERS



For Cutting SOFT Steel

No. 0	New Easy,	cuts $\frac{1}{8}$ "	length 18 "	\$ 4.00
1	"	"	$\frac{3}{8}$ " " 24 $\frac{1}{2}$ "	5.50
2	"	"	$\frac{1}{2}$ " " 30 "	7.50
3	"	"	$\frac{3}{8}$ " " 36 "	10.50
No. 1855	Competition	$\frac{1}{8}$ "	" 12 "	1.80

### WHITNEYS CHANNEL HAND PUNCH

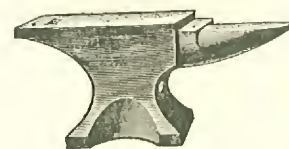


Capacity  $\frac{1}{4}$ " hole in  $\frac{1}{4}$ ". Punches and dies from  $\frac{1}{8}$  to  $\frac{1}{2}$ " by 32nds can be furnished. Length 23", weight 17 lbs. No. 2 Whitney with one punch and one die.....\$18.00

Extra punches and dies, price for each.....\$ .50

### ANVILS

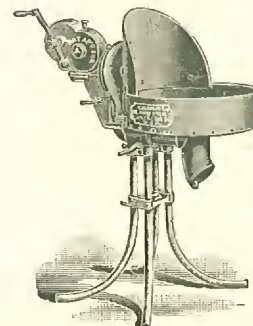
Vulcan Brand with tool steel face welded to Lake Superior Charcoal Iron Base.



No.	Weight	Each
2.....	20 lbs.	\$ 6.40
4.....	40 "	8.40
6.....	60 "	10.40
8.....	80 "	12.80
10.....	100 "	16.00
15.....	150 "	24.00
20.....	200 "	32.00
25.....	250 "	40.00

Anvils are sold F.O.B. Factory.

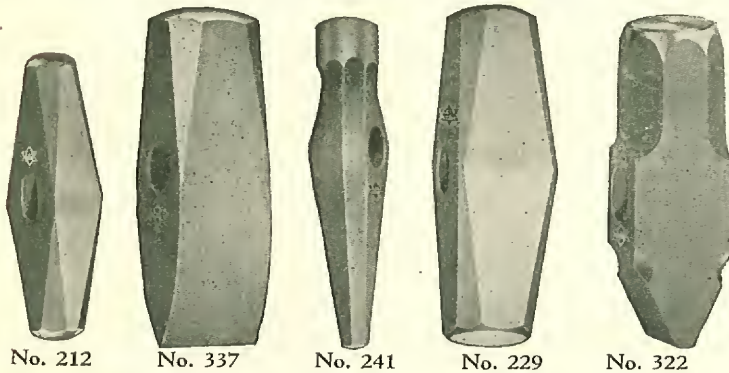
### No. 401 CHAMPION PORTABLE FORGE WITH BLOWER



This general purpose portable blacksmith's forge is widely used by structural steel erectors for rivet heating on the structure. Pan is 18" in diameter. Height 30". Fan 9" diameter. Weight 145 lbs. No. 401 Forge with Blower.....\$37.00  
 Blower only.....28.00  
 Forge Pan only.....11.00  
 Tuyere Plates......90

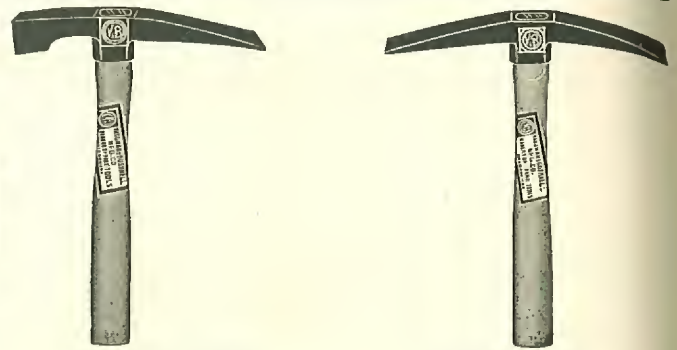


## SLEDGES AND HAMMERS



No.	Type	Weights	Per Lb.
212	Napping Hammer	3, 4, 5 lb.	\$ .30
337	Stone Sledge	6 to 16 lb.	.25
241	Spike Maul	4 and 5 lb.	.30
229	Striking Hammer	5 to 16 lb.	.25
322	Blacksmith Sledge Cross Pein	6 to 12 lb.	.20

## BRICKLAYERS HAMMERS AND SCUTCHES



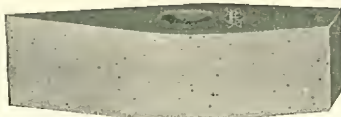
Adze Eye Hammer

Adze Eye Scutch

Black finish, white hickory handle. Furnished with handle wedged in, or, if so ordered handle will be furnished loose so head can be redressed.

No.	Weight	Length	Each
1 Hammer	1 1/2 lb.	11"	\$1.60
2 "	2 "	11"	1.75
10 Scutch	1 1/2 "	11"	1.60
12 "	2 "	11"	1.75

## MASONS HAMMERS



No. 209

No. 209 Single Face Masons Hammers 3, 4 and 5 lb. Per lb.....\$ .35

## STONE PICK



No. 294

No. 294 Double Pointed Stone Pick, 7 lb. Each.....\$1.50

## WEDGES



No. 400  
Wood Choppers Wedge



No. 402  
Stone Wedge

No.	Type	Weights	Per Lb.
400	Wood Wedge	3, 4, 5 lbs.	\$ .15
402	Stone "	1 lb.	.25
402	" "	1 1/2 lbs.	.20
402	" "	2, 3, 4 lbs.	.15

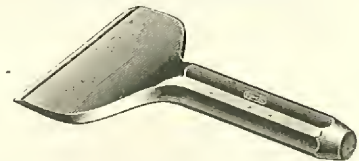
## BULL POINT CONCRETE CHISEL



For breaking up old concrete work. Octagon Tool Steel.

Size	Each
1 1/8 x 15"	\$1.25
1 1/8 x 18"	1.50
1 1/8 x 24"	2.00
1 1/4 x 30"	3.00

## BRICK CHISELS



Width inches	2 1/2	3	3 1/2	4
Each	\$ .80	\$ .90	\$1.00	\$1.25

## STONE CUTTERS TOOLS



No. 130 Stone Cutters Plain Chisel



No. 131 Stone Cutters Tooth Chisel



No. 132 Stone Cutters Point

Made of 5/8" Octagon Tool Steel.

Width Bit, in.	1	1 1/4	1 1/2	2
No. 130, Each	\$ .50	\$ .55	\$ .60	\$ .65
No. 131 "	.55	.60	.65	.70
No. 132 Points, Each				.60

In bulk.

## MAULS

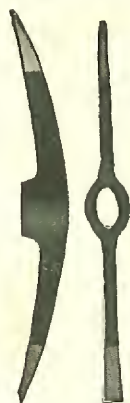


Cast Iron Head With Wood Handle

No. 88A	12 lb.	Each	\$1.75
	16 "	"	2.00



## PICKS AND MATTOCKS



Clay or Railroad  
Pick



Mattock



Pick Mattock

### CLAY PICKS

Weight 7 to 8 lbs. Each.....\$1.10

### MATTOCKS—Long Cutter

Standard Weight 6 lbs. Each.....1.25

### PICK MATTOCKS

Standard Weight 6 lbs. Each.....1.25

## TAMPERS

With Pipe Handle



No. 1



No. 3



Nos. 5  
5 1/2 & 6

Each  
No. 1 2 3/4 x 4 1/4",  
Weight 18 lbs.....\$2.25  
No. 3 6" Diam.,  
Weight 24 lbs.....3.00  
No. 5 6x6" square,  
Weight 16 lbs.....2.00  
No. 5 1/2 7x7 square,  
Weight 19 lbs.....2.50  
No. 6 8x8" square,  
Weight 21 lbs.....2.75

## SINGLE BIT HANDLED AXES



Manns "Sager" Michigan Pattern  
36" Handle. Polished blade 4 to 4 1/2 lbs. Each.....\$2.75

## DOUBLE BIT HANDLED AXES

Manns "Sager" Michigan Pattern  
Polished blades, 4 to 5 lbs. Each.....\$3.75



## CARPENTERS ADZES

Without Handle

3 1/2" and 4" Ground sharp. Each.....\$3.00

Adze handles shown on this page.

## HANDLES

All handles here shown except pick handles are extra select grade, clear white, straight grained hickory.

### CLAY PICK AND MATTOCK HANDLES



36" No. 1 Grade, small red streak. Each.....\$ .50  
24 Pick handles in a crate.

### AXE HANDLES



30 to 36" Single Bit XXX Grade. Each.....\$ .60  
34 to 36" Double Bit XXX " "......60  
24 Axe handles in a box.

### ADZE HANDLES



32 to 36" Carpenters Adze, XXX Grade. Each.....\$ .60  
24 Adze handles in a crate.

## SLEDGE AND NAPPING HAMMER HANDLES



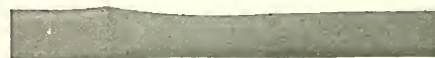
30" Sledge XXX Grade. Each.....\$ .50  
36" " XXX " "......55  
36" Napping Hammer XXX Grade. Each......55  
24 Sledge handles in a crate

### ADZE EYE HAMMER HANDLES



12" Adze Eye Hammer XXX Grade. Each.....\$ .15  
13" " " XXX " "......15  
12 Adze Eye Hammer handles in a box.

### HATCHET HANDLES



12" Half or Shingling Hatchet XXX Grade. Each.....\$ .15  
13" " " " XXX " "......15  
14" " " " XXX " "......15  
16" Broad Hatchet XXX " "......20  
12 Hatchet handles in a box.

### MACHINISTS HAMMER HANDLES



12" Machinists Hammer XXX Grade. Each.....\$ .15  
14" " " XXX " "......15  
16" " " XXX " "......15  
18" " " XXX " "......20  
20" " " XXX " "......20  
24" " " XXX " "......25  
12 Machinists Hammer handles in a box.

### RIVETING HAMMER HANDLES



12" Riveting XXX Grade. Each.....\$ .15  
12 Riveting Hammer handles in a box.



## COLD CHISELS



Made of Octagon Tool Steel, polished head and blade.  
Size given is diameter of stock and width of cut.

## REGULAR LENGTH

Size	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length	4"	4"	4 $\frac{1}{2}$ "	5"	5 $\frac{3}{4}$ "	6 $\frac{1}{2}$ "	7 $\frac{1}{2}$ "	8"	8"
Each	\$.25	\$.25	\$.30	\$.35	\$.40	\$.45	\$.60	\$.85	\$1.00

Six in a box.

## LONG COLD CHISELS

Size	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "	1"
Length	12"	12"	12"	12"	18"	12"
Each	\$.60	\$.70	\$.90	\$1.10	\$1.25	\$1.25

## PLUMBERS CHISELS



Made of Octagon Tool Steel. All sizes 11 inches long.  
Width Face .....  $\frac{3}{4}$ " .....  $\frac{7}{8}$ " ..... 1" ..... 1 $\frac{1}{4}$ "  
Each ..... \$.55 ..... \$.60 ..... \$.75 ..... \$.90

Six in a box.

## PLUGGING CHISELS



$\frac{5}{8}$ " Octagon 10" long,  $\frac{1}{4}$ " cutting edge. Each ..... \$.65  
Six in a box.

## FLOOR CHISELS



Made for cutting, not for prying,  $\frac{3}{4}$ " Octagon, 14"  
long, 2 $\frac{1}{2}$ " cutting edge. Each ..... \$1.25  
Six in a box.

## RIPPING CHISELS



## FOR PRYING

$\frac{3}{4}$ " Octagon, 14" long, 1 $\frac{1}{2}$ " face. Each ..... \$1.00  
Six in a box.

## BOX CHISELS



Hand forged tool steel, 14" long. Each ..... \$1.00  
Six in a box.

## STAR DRILLS



Forged from Octagon Tool Steel, hardened and tempered  
for drilling brick, stone and concrete.

## PRICE EACH

Diameter	8" long	12" long	18" long	24" long
$\frac{1}{4}$ "	\$.40	\$.45		
$\frac{5}{16}$ "	.45	.50		
$\frac{3}{8}$ "	.50	.55		
$\frac{1}{2}$ "		.60	\$.75	
$\frac{5}{8}$ "		.70	.85	
$\frac{3}{4}$ "		.80	1.00	\$1.50
$\frac{7}{8}$ "		.90	1.15	
1"		1.00	1.30	1.75
1 $\frac{1}{8}$ "		1.10		
1 $\frac{1}{4}$ "		1.35	1.75	2.25
1 $\frac{1}{2}$ "				3.00

## YARNING CHISELS



No. 30 Made of  $\frac{5}{8}$ " Octagon. Blade 4 $\frac{1}{2}$ " long.  
Each ..... \$.75  
Six in a box.

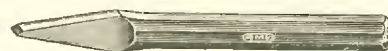
## CAULKING CHISELS



No. 20 Made of  $\frac{5}{8}$ " Octagon.  
 $\frac{1}{4}$ x $\frac{7}{8}$ " face. Each ..... \$.40  
 $\frac{5}{16}$ x $\frac{7}{8}$ " " " ..... \$.40  
Six in a box.

## MACHINISTS CHISELS

## CAPE CHISELS



No. 6  
Flat Point Cape Chisels  
Width Cut .....  $\frac{1}{4}$ " .....  $\frac{5}{16}$ " .....  $\frac{3}{8}$ " ..... 1 $\frac{1}{2}$ "  
Length ..... 4" ..... 4 $\frac{1}{2}$ " ..... 5" ..... 6"  
Each ..... \$.40 ..... \$.45 ..... \$.50 ..... \$.55  
Twelve in a box.

## DIAMOND POINT CHISELS



No. 11  
Diamond Point Chisels  
Width Cut .....  $\frac{1}{4}$ " .....  $\frac{5}{16}$ " .....  $\frac{3}{8}$ " ..... 1 $\frac{1}{2}$ "  
Length ..... 4" ..... 4 $\frac{1}{2}$ " ..... 5" ..... 6"  
Each ..... \$.40 ..... \$.45 ..... \$.50 ..... \$.60  
Twelve in a box.

## ROUND NOSE CHISELS



No. 15  
Size .....  $\frac{3}{8}$ " .....  $\frac{1}{2}$ " .....  $\frac{5}{8}$ "  
Length ..... 5" ..... 6" ..... 6 $\frac{1}{2}$ "  
Each ..... \$.50 ..... \$.60 ..... \$.70  
Twelve in a box.

## BELDENS SLATERS TOOLS



## RIPPER



## HAMMER



## STAKE

All Solid Cast Steel forgings, cutting edges, points and  
head of hammer are properly tempered.

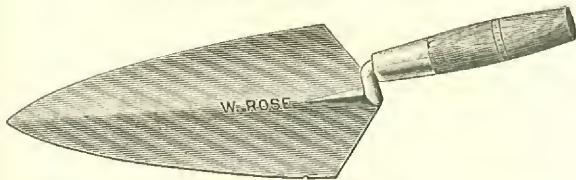
Hammer handle made of solid cut leather, cannot wear  
out or blister the hand.

Hammer 12" long 9" head. Each ..... \$5.00  
Ripper 24" " " ..... 3.25  
Stake 18" " " ..... 2.00



## TROWELS

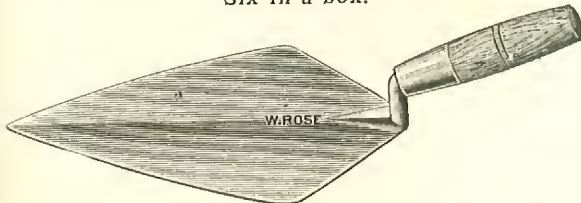
## BRICK TROWELS



Philadelphia Pattern

Wm. Rose &amp; Bros. No. 110

Length Blade	10"	10 1/2"	11"	11 1/2"
Each	\$2.20	\$2.35	\$2.50	\$2.65

*Six in a box.*

London Pattern

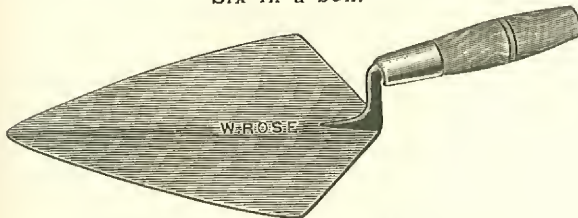
Wm. Rose &amp; Bros. No. 112

Length Blade	10"	10 1/2"	11"	11 1/2"
Each	\$2.20	\$2.35	\$2.50	\$2.65

*Six in a box.*

"Standard" Brand No. 151

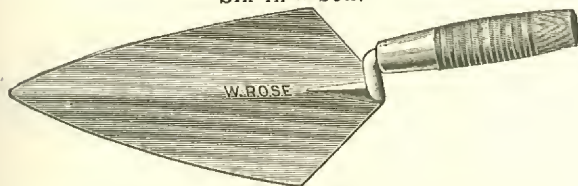
Length Blade	10"	10 1/2"	11"	11 1/2"
Price, Each	\$1.40	\$1.45	\$1.50	\$1.60

*Six in a box.*

Wide Heel, Hardwood Handle

Wm. Rose &amp; Bros. No. 221

Length Blade	10"	10 1/2"	11"	11 1/2"
Each	\$2.50	\$2.65	\$2.75	\$2.90

*Six in a box.*

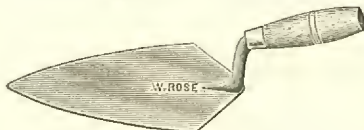
Wide Heel, Leather Handle

Wm. Rose &amp; Bros. No. 321

Length Blade	10"	10 1/2"	11"	11 1/2"
Each	\$2.50	\$2.65	\$2.80	\$2.95

*Six in a box.*

## POINTING TROWELS



Wm. Rose &amp; Bros. No. 50

Length Blade	5"	5 1/2"	6"
Each	\$ .90	\$ .90	\$ .90

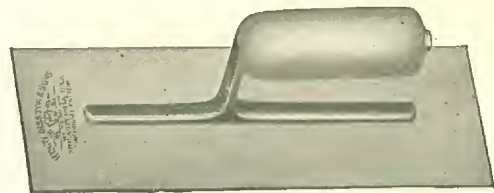
*Six in a box.*

Standard Brand No. 153

Length Blade	5"	5 1/2"	6"
Each	\$ .60	\$ .60	\$ .60

*Six in a box.*

## PLASTERING TROWELS



Straight Wood Handle

Disston No. 21

Length 11".	Each	\$2.25
-------------	------	--------

Atkins No. 4

Length 11".	Each	\$2.75
-------------	------	--------

Length	Marshalltown No.	MF3	MF4	MF5
Each	11"	\$2.75	\$2.85	\$3.00

Bishop No. 3

Length	11"	11 1/2"	12"
Each	\$2.50	\$2.60	\$2.75

*Six in a box.*

Straight Wood Handle

Extra Thin Blade—10 Rivets

Disston No. 28

Length 11".	Each	\$3.90
-------------	------	--------

*Six in a box.*

Curved Wood Handle

Disston No. 38

Length 11".	Each	\$2.75
-------------	------	--------

Atkins No. 3

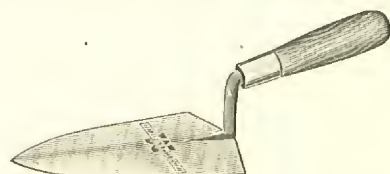
Length 11"	Each	\$2.75
------------	------	--------

Bishop No. 4

Length 11"	Each	\$2.75
" 11 1/2"	"	2.85

*Six in a box.*

## TILE SETTERS TROWEL



No. 57 Marshalltown

Forged in one piece from highest grade trowel steel.  
Tempered and polished. Hardwood Handle.  
Length 7", width 4 3/8". Each \$1.50  
*Six in a box.*



## PLASTERERS TOOLS

## MASONS PLUMBS AND LEVELS



No. 3 Peerless White Pine Mahogany stained. Size  $2\frac{3}{4} \times 1\frac{1}{8}$ ". Brass end plates. 6 Glasses. Either end or either side always up. Two lengths, 42" and 48". Each.....\$5.25



No. 40 Peerless. Brass bound edges. In other respects same as No. 3 above. Length 48". Each.....\$7.25



No. 3A Sands, White Pine Mahogany stained. Size  $2\frac{3}{4} \times 1\frac{1}{4}$ ". Plain ends, 6 Glasses. Either end or either side always up. Two lengths, 42" and 48". Each.....\$4.00



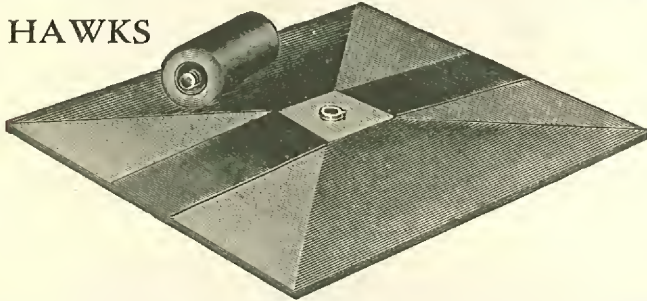
No. 7A Sands.. Brass bound edges. Brass ends. In other respects same as No. 3A above. Length 48". Each.....\$6.25

## DARBIES

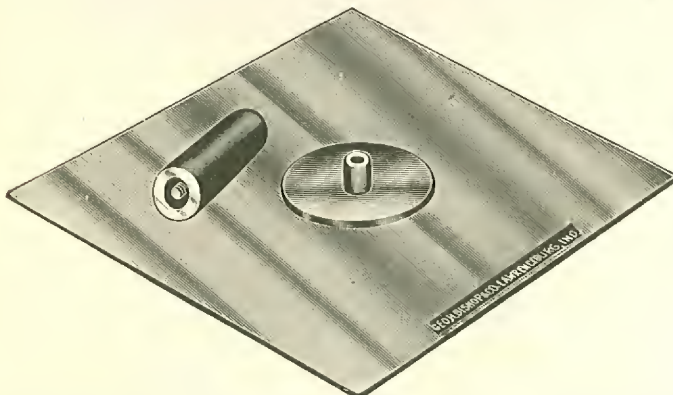


No. 3 Wood.  $3\frac{1}{2} \times 44$ ", 18" rib. Each.....\$1.00

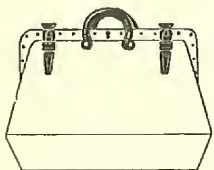
## HAWKS



No. 15 Wood Hawk, made of No. 1 selected stock, size  $13\frac{1}{2} \times 13\frac{1}{2}$ ". Reinforced Dovetailed cross piece. Detachable handle. Each.....\$1.50



No. 13 $\frac{1}{2}$  Size  $13\frac{1}{2} \times 13\frac{1}{2}$ ". Made of hard rolled aluminum and compares in weight with wood. Reinforced collar  $3\frac{3}{4}$ " in diameter, with  $\frac{1}{8}$ " hub in detachable handle. Each.....\$3.50



### TOOL BAGS FOR BRICK LAYERS AND PLASTERERS

See page 264.

## FLOATS



Size  $12 \times 5$ " with handle. Red Wood. Each.....\$ .60  
Cork with Aluminum back plate and wood handle. Each.....\$1.50  
Cork only without handle. Each.....\$1.00

## MITRE RODS

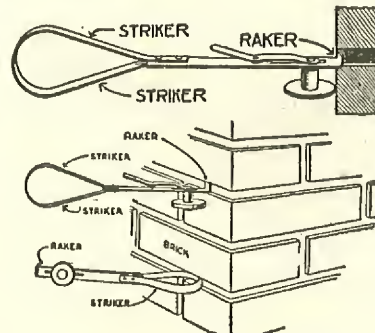


Polished Steel, Swedged to thin edge. Size  $18 \times 4\frac{1}{2}$ ". Each.....\$1.50

## JOINTER OR BEADING TOOLS



Ends—Size	$\frac{1}{4}$ "	$\frac{5}{8}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
2 Flat	\$ .70	\$ .70	\$ .70	\$ .70
1 Concave	.70	.70	.70	.70
1 Convex	.70	.70	.70	.70
2 Concave	$\frac{1}{4}$ & $\frac{5}{8}$ " \$ .70	$\frac{5}{8}$ & $\frac{3}{8}$ " \$ .70	$\frac{3}{8}$ & $\frac{1}{2}$ " \$ .70	

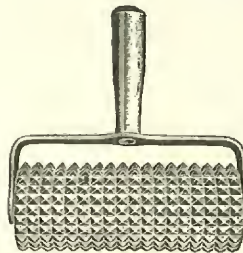


## GUNNS

### Combination Rotary Joint Raker

A Raker Jointer and Striker combined. Adjustable to any depth. The wheel prevents wear and will not mar the work or cause irregular depths in joints. Makes joints  $\frac{1}{4}$  to  $\frac{1}{2}$ " wide. Each.....\$ .65

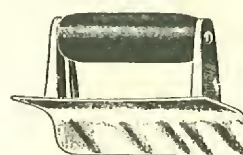
## CEMENT TOOLS



No. 60 Dot Roller Iron, Nickel Plated with iron handle. Diameter  $3\frac{1}{2}$ ", width 8". Can be made to order with 15" wood handle. Each with iron handle.....\$12.00



No. 35 $\frac{1}{2}$  Curb Gutter Tool Iron. Nickel Plated, 8" long, 4" sides, radius  $1\frac{1}{2}$ ". Each.....\$3.00



No. 38

No. 38 Curb Edger, iron, nickel plated,  $7\frac{1}{2} \times 3\frac{1}{2}$ ", 2" turned edge,  $1\frac{1}{2}$ " radius. Each.....\$2.50  
No. 36 Curb Tool, iron, nickel plated,  $10 \times 5\frac{1}{2}$ " wide, 2" turned edge, 1" radius. Each.....\$4.50



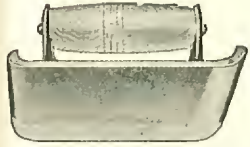
No. 36



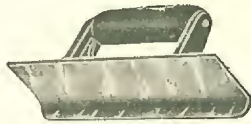
## CEMENT TOOLS

Made of Cast Iron, Nickel Plated—Faces Highly Polished Before Plating

## EDGERS



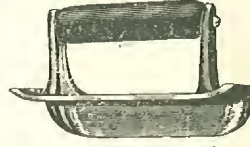
Nos. 1, 1A, 1B and 3



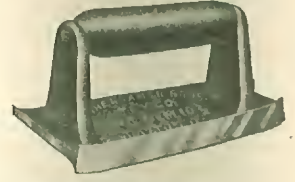
Nos. 2, 2A, 2B and 38



No. 4



Nos. 5, 5½, 7 and 8



Nos. 6, 6B and 6½

No.	Length	Width	Radius	Edge Width	Ends	Matches Jointer	No.	Each
1	6 "	3 "	3/8"	Narrow	2 Turned Up	20 and 22		\$1.20
1A	6 "	3 "	3/8"	"	1 " "	20 " 22		1.20
1B	6 "	2 1/4"	3/8"	"	1 " "	20 " 22		1.20
3	6 "	3 "	3/4"	"	2 " "	21 " 23		1.30
2	8 "	2 1/2"	1 1/2"	"	2 Straight	24		1.20
2A	8 "	3 "	1 1/2"	"	2 " "	24		1.20
2B	6 "	2 1/2"	1 1/2"	"	2 " "	24		1.20
38 (Curb)	7 1/2"	3 1/2"	1 1/2"	2 "	2 " "			2.50
4	9 "	3 "	3/4"	3/4"	2 Turned Up	25, 26 and 27		2.00
5	7 "	3 "	3/4"	1 1/2"	2 " "			1.70
5 1/2	6 "	3 "	3/4"	1 "	2 " "			1.50
7	6 "	1 1/2"	Minimum	Wide	2 " "	20, 21, 22 & 23		1.20
8	6 "	2 3/8"			2 " "	20, 21, 22 & 23		1.20
6	6 "	2 3/4"	Bevel		2 " "			1.20
6B	6 "	2 3/4"	1/2" "		2 " "			1.20
6 1/2	9 "	2 3/4"	1/4" "		2 " "			2.00

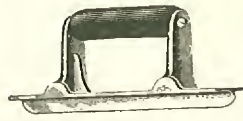
## JOINTERS



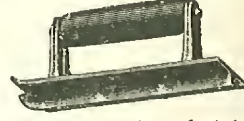
Nos. 20, 20A, 20B and 21



Nos. 22, 22A, 23 and 25



No. 24



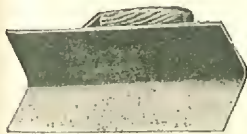
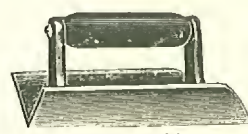
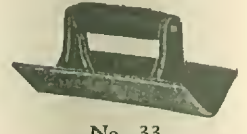
Nos. 26, 26A and 27A



No. 28

No.	Length	Width	Groove	Groove Depth	Ends	Matches Edger	No.	Each
20	6 "	3 "	Thin	1/2"	1 Turned Up	1, 1A and 1B		\$1.20
20A	6 "	3 "	"	1/8"	1 " "	1, 1A and 1B		1.20
20B	6 "	2 1/4"	"	1/2"	1 " "	1, 1A and 1B		1.20
21	6 "	3 "	Heavy	1/2"	1 " "	1, 1A and 1B		1.30
22	6 "	3 "	Thin	1/2"	2 " "	1, 1A and 1B		1.20
22A	6 "	3 "	Heavy	1/8"	2 " "	1, 1A and 1B		1.20
23	6 "	3 "	Heavy	1/2"	2 " "	1, 1A and 1B		1.30
25	9 "	3 "	Thin	1/2"	2 " "	4		2.00
24	7 3/4"	2 "	"	3/8"	2 Straight	2, 2A and 2B		1.20
26	9 "	3 "	"	1/2"	1 Turned Up	4		2.00
26A	9 "	3 "	"	3/4"	1 " "	4		2.00
27A	9 "	3 "	1/2 Round	1/2"	2 " "			2.00
28	6 "	4 3/4"	Thin	5/8"	1 " "			2.00

## CORNER TOOLS

No. 11  
Step EdgerNo. 30½  
Inside AngleNo. 31½  
Outside AngleNo. 33  
Outside Round Angle

No.	Length	Sides	Corner	Used For	Each
11	8"	2 "	3/4" Radius	Step Edger	\$2.00
30½	6"	1 1/2"	Square Angle	Outside Corner	1.30
31½	6"	2 "	Square Angle	Inside Corner	1.30
33	8"	2 1/4"	3/4" Radius	Inside Corner	2.00

Cement tool catalogue sent on request.



## SMALL MALLEABLE IRON CAMPS CLAMPS

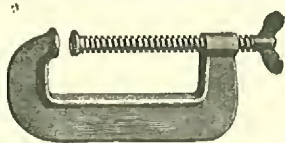
With Die Cut Steel Screws



No.	Width	Opening	Depth	Each
4	7/8"		5/8"	\$.30
5	1 1/4"		7/8"	.35
11	7/8"		1 3/8"	.35
44	1 3/8"		1 1/4"	.40

Packed in bulk.

## STANDARD MALLEABLE CLAMPS

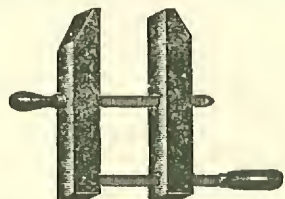


Frame deeply ribbed, square cut thread. Size given is width opening.

Size	3"	4"	5"	6"	8"	10"	12"
Each	\$.55	\$.75	\$.90	\$1.25	\$1.75	\$2.50	\$3.00

3, 4, 5 and 6" sizes, six in a box. Larger sizes in bulk.

## WOOD HAND SCREWS



Sandusky

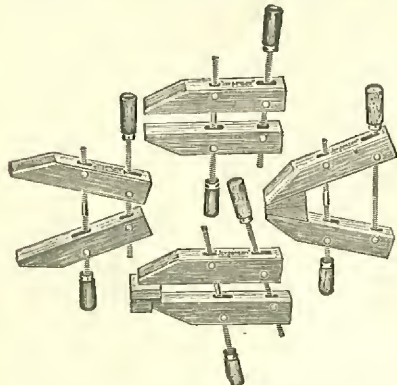
All  
Hard Maple

No.	Jaw	Screw	Opens	Each
813	8x1 3/8x1 3/8"	5/8x10"	4 1/2"	\$.90
812	10x1 3/8x1 3/8"	3/4x12"	5 1/2"	1.10
811	12x1 3/4x1 3/4"	3/4x14"	7 1/4"	1.25
808	14x2 1/8x2 1/8"	7/8x18"	10 "	1.75
806	16x2 3/8x2 3/8"	1 "x20"	11 "	2.00
804	18x2 1/2x2 1/2"	1 1/8x22"	12 1/4"	2.25

12 Complete hand screws in a wood case.

## JORGENSEN

## PEERLESS ADJUSTABLE HAND SCREWS

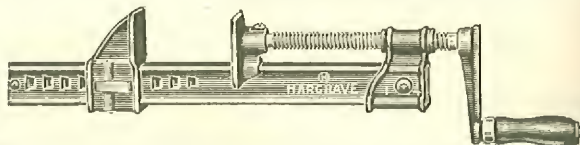


No.	Length of Jaw	Maximum Opening	Each
0	8"	4 1/2"	\$1.75
1	10"	6 "	2.00
2	12"	8 1/2"	2.25
3	14"	10 "	2.50
4	16"	12 "	3.00

12 Complete hand screws in a wood case.

Jaws made of finest hard maple oil finished. The screws are cold rolled steel with accurately cut threads working in steel nuts which swivel in the jaws. The jaws are self adjusting to irregular shaped work. See illustrations at the left. Other sizes than those listed below can be furnished.

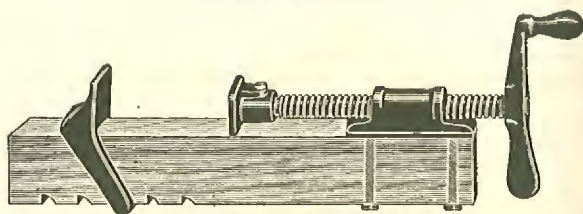
## IMPROVED STEEL "T" BAR CLAMPS



This is the stiffest clamp bar on the market. Bar made of high carbon steel 1 1/2x5/8x1/8". Note the bar is not weakened by cutting nothes in either flange. The notches in the web of the bar do not weaken it. Deep cut, steel screw in long bearing insures long life. Slide has tempered steel dog. Other parts unbreakable malleable iron.

Length Ft.	3	4	5	6
Weight, each, lbs.	7 1/2	9	10	11
Price, each	\$3.00	\$3.35	\$3.75	\$4.50

## CLAMP FIXTURES



For use on a wood bar 1 1/4x2 1/2". The head is furnished with special ribbed bolts. Heads can be fastened to any size bar or to a flat surface. Steel screw with cut thread, other fixtures are malleable iron. Clamp Fixtures only.

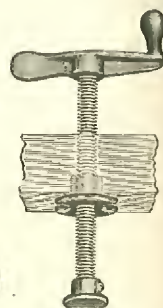
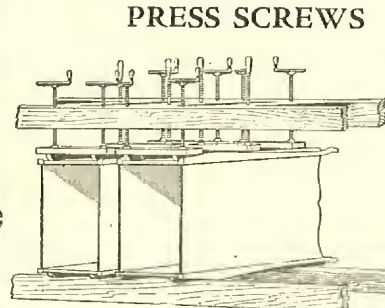
Per Set .....\$1.25

Length Ft.	3	4	5	6
Each	\$2.50	\$2.75	\$3.00	\$3.25

## PRESS SCREWS



Type H

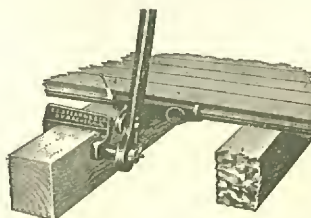


Type C

Press screws are for use in small wood press frames as illustrated above are installed by boring a hole in wood frame and driving in the nut. Can be fastened in with screw if desired. Steel cut screw with malleable iron fittings. Type H has wood handle. Type C is made in two sizes.

## PRESS SCREWS

Type	Size Screw	Size Hole in Frame	Each
H	1/2x7 "	3/4 "	\$1.00
C Small	1/2x7 "	3/4 "	1.00
C Large	1 1/8x8 3/8 "	1 "	1.25



## FLOORING CLAMP

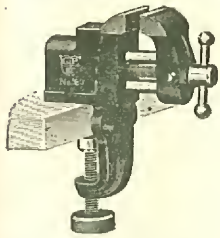
Made of malleable iron. A most useful and labor saving device for laying flooring. Length of handle 14". Weight 2 1/2 lbs. No. 1 Flooring Clamp. Each .....\$1.00

Clamp catalogue sent on request.



## METAL WORKERS VISES

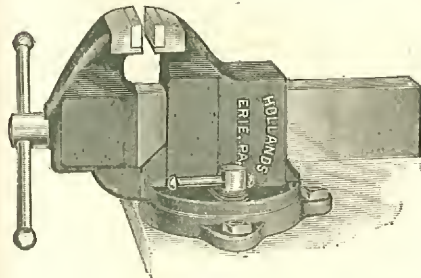
### GOODELL-PRATT SMALL BENCH VISES



Nos. 160 and 161

Different in design and better in workmanship than other small vises. Note the two steel guide rods to insure rigidity and relieve the screw of side strain.

No.	Width of Jaw "	Jaw Opens	Weight Each	Price Each
160	1 "	1 1/2"	13 3/8 lbs.	\$1.80
161	2 "	2 "	3 3/8 lbs.	2.40
168	2 1/2"	2 1/2"	10 lbs.	7.50



No. 168

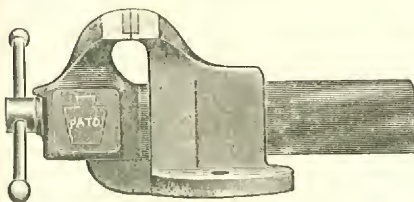
### HOLLAND

Solid Jaw, Machinists Vise, Swivel Base, Slide and Jaws machined. Hardened steel inserts in face of jaws. New type of swivel lock will lock positively at any point. This is the highest grade of vise.

No.	Jaw Width In.	Opens Inches	Depth Inches	Weight Each	Price Each
24	4	6	3 1/2	55	\$17.00
24 1/2	4 1/2	7	3 5/8	70	20.00
25	5	8	3 3/4	90	30.00

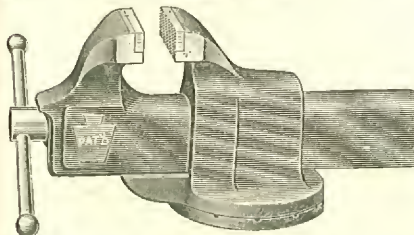
### KEYSTONE BENCH VISES

A strong durable vise with hardened inserts in face of jaws. Slide is not machined and vises are not as heavy as corresponding sizes in the Holland grade.



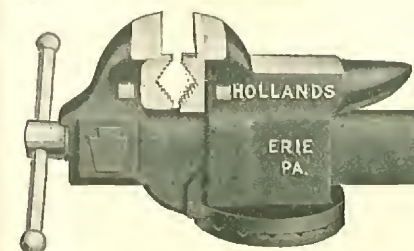
### STATIONARY VISE

Size	Jaw In.	Opens In.	Each
C	2 1/2	3 1/2	\$ 4.40
D	3	4	6.00
F	3 1/2	5	7.20
G	4	6	8.80
H	4 1/2	7	10.80



### SWIVEL VISE

Size	Jaw In.	Opens In.	Each
CS	2 1/2	3 1/2	\$ 5.60
DS	3	4	7.20
FS	3 1/2	5	8.80
GS	4	6	10.80
HS	4 1/2	7	12.80



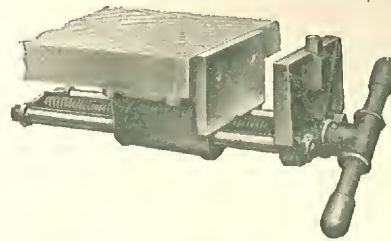
### COMBINATION

Machinist and Pipe Swivel Vise with Anvil. A light general purpose vise.

Size	Jaw In.	Pipe up to	Each
K3	3	1 1/2	\$12.50
K3 1/2	3 1/2	2	16.50

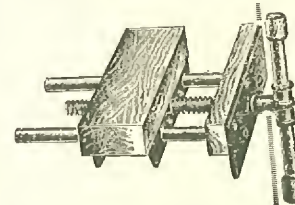
## WOOD WORKERS VISES

### RICHARD-WILCOX RAPID ACTING



Patent nut is released by a slight reverse turn on the handle permitting the vise jaw to be pulled out instantly to the desired point. No pawls, triggers or springs. Will not get out of order. Steel guide rods keep jaws in perfect alignment. Grey iron jaws machined and finished true. Note brass stop peg in front jaw. Jaws can be wood faced.

No.	Jaws	Opens	Weight	Each
430S-1	7x4"	10"	32 lbs.	\$ 9.00
430S-2	10x5"	12"	42 lbs.	10.00

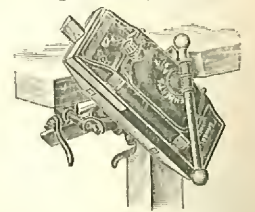
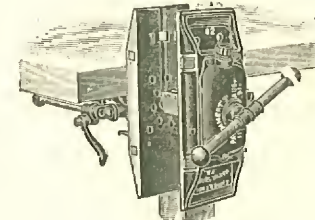


### CHRISTIANSEN CONTINUOUS SCREW VISE

Jaw slides on cold rolled steel bars assuring perfect alignment. Solid nut, accurately cut thread.

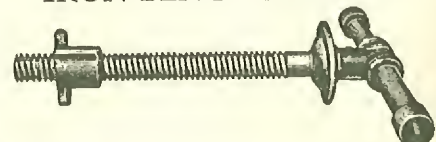
No.	Jaw	Width	Opens	Each
1	All Iron	10"	9"	\$5.50
0	Wood Face	10"	9"	5.25

### THE EMMERT NEW IMPROVED UNIVERSAL Quick Adjusting



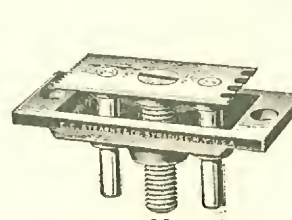
Has all the features of other wood working vises and some not contained in any other. Perpendicularly it can be set at any point within 90 degrees. At right angles to this and at the same time the vise can be rotated through a complete circle, without releasing work. Jaws adjust at either end to take wedge shapes. Jaws are 7x18", open 15", weight 86 lbs. No. 1 Emmert New Improved Universal Vise, Each.....\$33.00

### IRON BENCH SCREWS

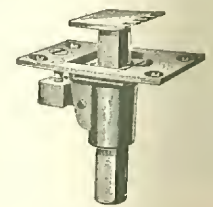


Wrought Iron Double Thread, Movable Collar, Wood handle, 1 1/8" diameter, 13" long, Each.....\$1.50

### BENCH STOPS



No. 15



No. 10

No. 15 is reversible and may be adjusted to any desired height by turning the screw. Each.....\$1.00  
No. 10 quickly adjustable and reversible. Head is of solid steel. Each.....\$1.25  
No. 11 is similar to No. 10 but adjusted by lever underneath bench. Each.....\$1.35



## ALL CANVAS TOOL BAGS

No. 225



Made of one piece of heavy (24 oz.) white duck with an extra thickness on the bottom. Lock stitch sewing, steel frame riveted to bag. Without lock.

Size Length	Each
16x13 1/2 x 5 1/2"	\$3.50
18x15 1/2 x 5 1/2"	3.75
20x15 1/2 x 5 1/2"	4.00
22x15 1/2 x 5 1/2"	4.25
24x15 1/2 x 5 1/2"	4.50

## LEATHER BOTTOM CANVAS TOOL BAG

No. 250

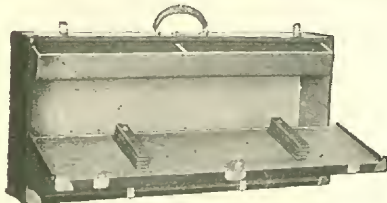


Made same as No. 225 bag, but with strong one piece leather bottom extending 3" up the sides. Makes the bottom waterproof. No lock.

Size Length	Each
16x13 1/2 x 5 1/2"	\$7.00
18x15 1/2 x 5 1/2"	7.50
20x15 1/2 x 5 1/2"	8.00
22x15 1/2 x 5 1/2"	8.50
24x15 1/2 x 5 1/2"	9.00

## ZINC COVERED STEEL REINFORCED WOOD TOOL BOXES FOR CARPENTERS

No. 400



Size 32 x 15 1/2 x 7". Equipped with saw rack and small tool tray.

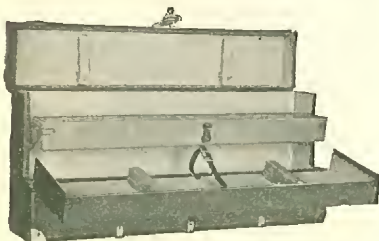
Each \$10.00

No. 401



Same as No. 400 except side that drops is deeper. Size 32x15 1/2 x 7". Each \$11.00

No. 402



Same as No. 401 except top is hinged as well as the side. Size 32x15 1/2 x 7". Each \$12.00

Shoulder Box

No. 403



No tray in this box. Size 32x8 1/2 x 9". Each \$9.00

## ZINC COVERED UTILITY TOOL BOX FOR REPAIR MEN

No. 404



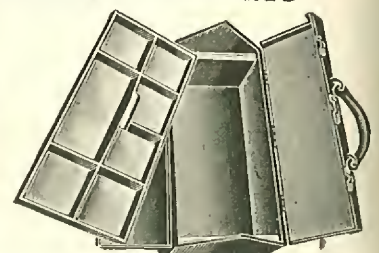
A substantial wood box covered with non-corrosive zinc including edges. All edges bound with black enameled steel angle strip and also reinforced with brass plated corners and angles as shown. Strong lock, catches and hinges riveted on. One tray 1 1/2" deep. Lined in green.

19x8x8 1/2"	Each	\$8.50
21x8x8 1/2"	Each	9.00
23x8x8 1/2"	Each	9.50

## KENNEDY ALL STEEL TOOL KITS



No. 114 Closed



No. 114 Open

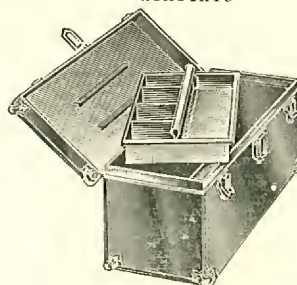
Made for the roughest usage, reinforced at all points of strain. Weatherproof. Finished in baked brown enamel. Fitted with Corbin lock and catches. Reinforced leather handle.

Nos. 114 to 120 with tray.

114	14x 7x 9"	List Each	\$5.25
116	16x 9x11"	List Each	5.50
118	18x10x13"	List Each	5.75
120	20x11x13"	List Each	6.00

Nos. 214 to 220 without tray.

214	14x 7x 9"	List Each	\$4.75
216	16x 9x11"	List Each	5.00
218	18x10x13"	List Each	5.25
220	20x11x13"	List Each	5.50



This flat top case is very desirable for electricians as the short tray leaves room for a blow torch at one end. Weatherproof and very strong.

List Each

No. 319	19 x8x9"	\$5.50
321	21 x8x9"	5.75
324	24 1/2 x6x9"	6.00

## KENNEDY CARPENTERS CASES

Lined with three ply wood veneer finish and fitted same as tool kits above. Rainproof when closed. Saw rack is hinged to lid. Drawers are on tracks and cannot drop out.

List Each

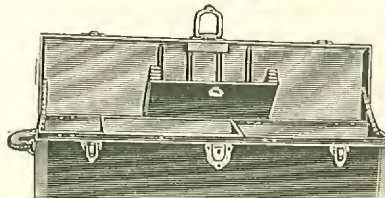
No. 31A, 32x15x7" \$11.00

Shoulder Case

Same construction as above. Note folding saw rack and handle on end.

List Each

31B, 32x8x8" \$8.50





## WORK BENCHES

All except garage bench made of bone dry hard maple and birch, frames mortised and bolted together and finished in shellac or oil.



No. 21

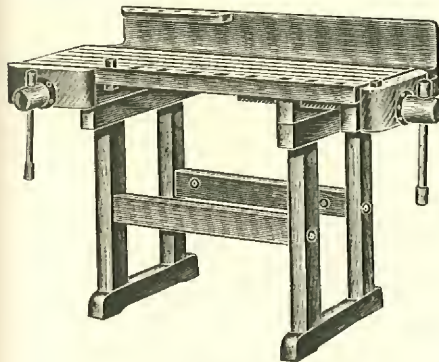
No. 21  
Height 32". Top 48x22x1 3/4", working top is 13 1/2" wide. Tool recess is 8 1/2" wide. Legs 3x2". Weight 120 lbs. The illustration shows No. 21 with two steel screw vises.

No. 21, ea. \$28.50

No. 21A, same size and construction as No. 21 but has one large drawer and only one steel screw vise. Stop holes on end of bench.

\$27.00

No. 21A, Each.....  
No. 21B same as No. 21A, except has wood screw vise. Ea. \$25.50

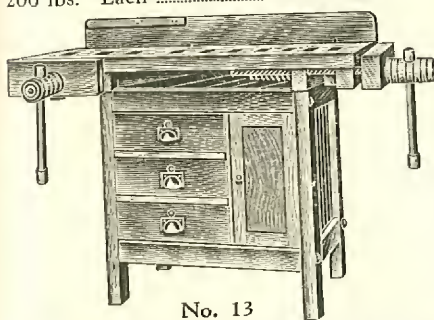


No. 4

No. 4  
Fitted with two wood screw vises, two wood stops, tool rack and tool recess 8 1/2" wide. Weight 120 lbs. Dimensions top 48x22", 1 3/4" thick. Height 32". Stand 1 3/4x3" stock, Vise Jaws 12" wide and open 12". Vise screws are 1 7/8" diameter. Holes for wood stops near front edge.

No. 4, each.....\$24.00

No. 1A style of No. 4 but heavier and longer and without backboard. Height 34". Maple top 84x24", 2 3/4" thick, tool recess 8" wide. Legs 2x3". Two 2 1/2" bench screws. Weight 200 lbs. Each.....\$50.00

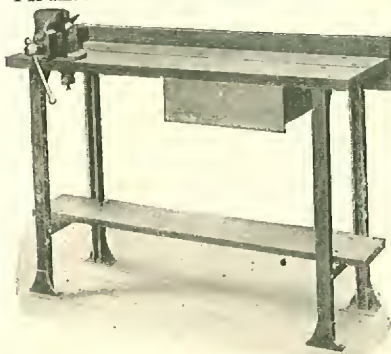


No. 13

No. 13

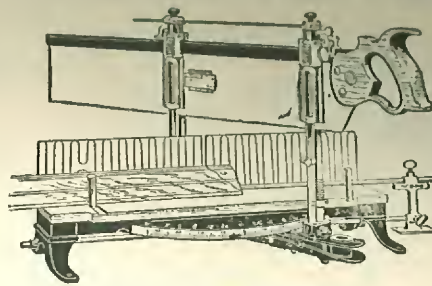
The top of No. 13 is just the same as No. 4 described above, Cupboard 18 1/2x18 1/4x10". Drawers 18x16x5" and equipped with locks. Weight 160 lbs.

## HALLOWELL STEEL FRAME GARAGE BENCH



Pressed steel legs. Top and shelf made of yellow pine. Top 48x15", height 32 1/2". Shipped knocked down, complete with bolts, all holes bored.  
Without drawer  
or vise .....\$12.00  
Drawer extra..... 4.00  
Vise K3, see page 263.  
Extra .....\$12.50

## MITRE BOXES



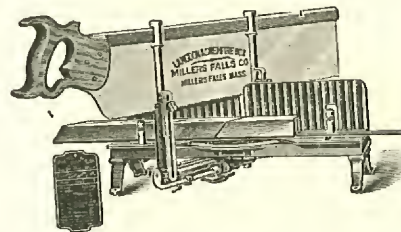
### THE STANLEY

Saw holds above the work, both hands free. Degree graduation in front. Automatic lock. Length gauge. Depth stops. Guides for holding wood. Quickly knocked down for carrying. Interchangeable parts. Will cut any angle from 30 to 90 degree.

Nos. 244, 246 and 358  
Made in three sizes of frame. Price and weight includes back saw.

No.	Saw	Weight	Each
244	24x4"	33 lbs.	\$22.00
246	26x4"	34 lbs.	22.60
Medium frame, cuts 45° on work up to 6 1/2" wide.			
No.	Saw	Weight	Each
358	28x5"	40 lbs.	\$25.85
Large frame, cuts 45° on work up to 7 1/2" wide.			
No.	Saw	Weight	Each
*460	30x6"	51 lbs.	\$31.00

\* Not carried in stock.



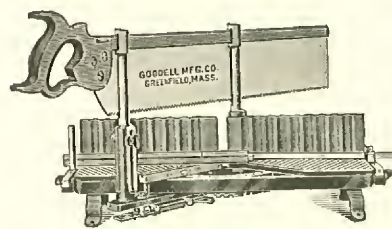
### LANGDON-ACME

Made by Millers Falls Co. This type is an improvement on the New Langdon and the New Langdon improved. Automatic catches for holding saw above the work. Length and depth gauges. Quick adjustment. Graduated arc and index plate.

Nos. 72, 73 and 74  
Steel bed plate. Capacity at right angle 10 1/4" and at 45 degree is 7". Price includes back saw (11 point).

No.	Saw	Weight	Each
72	24x4"	23 1/2 lbs.	\$23.75
73	26x4"	24 lbs.	24.10
74	28x5"	25 lbs.	27.25

## GOODSELL-PRATT—ALL STEEL



There are no castings in this box, and it is unbreakable. Saw is supported above work by automatic catch. Cuts any angle from 45 degrees to 90 degree.

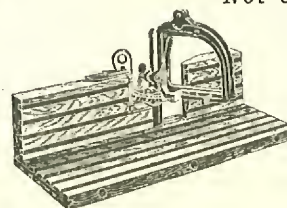
Angles more acute than 45 degree may be cut by using an extra angle attachment fastened to left side of box, and which also serves as a molding holder. Length and depth

gauges. Can be locked at any angle. Angles are indicated on a graduated arc. Steel bed plate. Capacity at right angles 10 1/2", and at 45 degree is 7 1/2". Price and weight includes back saw.

No.	Saw	Weight	Each
1264	26x4"	21 lbs.	\$23.00
*1285	28x5"	24 lbs.	25.00
*1306	30x6"	26 lbs.	28.00

\*Not carried in stock.

## PERFECTION MITRE BOX WOOD FRAME



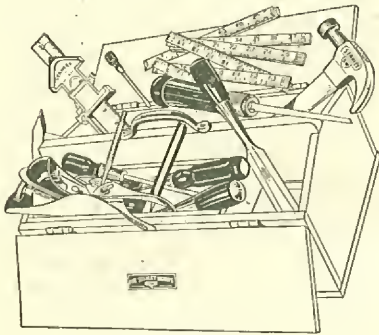
Guide sets at 22 1/2, 30, 45 and 90 degree. Right or left hand. Use Panel saw or back saw. A good box for screen frames.

Each .....\$6.50



## STANLEY CHESTS OF CARPENTERS TOOLS

Containing only the best grade of tools.



No. 801

Contains 15 tools as follows:

- 1—13 oz. Hammer
- 1—4 oz. Hammer
- 1—5" Screw Driver
- 1—4" Screw Driver
- 1—3" Screw Driver
- 1—4' Zig Zag Rule
- 1—Plane 7" Block
- 1—1/4" Chisel

- 1—3/4" Chisel
- 1—1/2" Cold Chisel
- 1—Nail Set
- 1—Center Punch
- 1—Hollow Hdl. with tools
- 1—Odd Job
- 1—Pair Pliers

Weight, 12 lbs.

Price Complete .....\$20.00



No. 902

Made of hardwood, finished in a dark stain and varnished joints nailed and glued. There are three hinges, two catches and a carrying handle. Built like a suitcase. Size 10 1/2 x 4 1/4 x 24 3/4". Weight 20 lbs.

Price complete.....\$25.00



No. 906

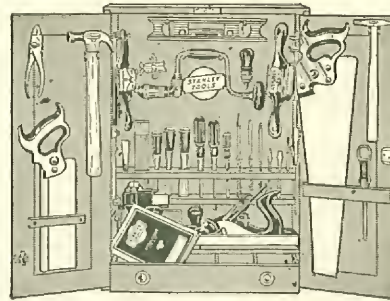
- 1—13 oz. Hammer
- 1—2' Folding Rule
- 1—4" Screw Driver
- 1—3/8" Chisel
- 1—3/4" Chisel
- 1—14" Saw

- 1—7" Iron Plane
- 1—Try Square
- 1—Marking Gauge
- 1—8" Bit Brace
- 1—1/4" Auger Bit
- 1—3/8" Auger Bit

No. 906 Set in cardboard box.....\$10.00

No. 801

Black Walnut Box, finely finished. Sliding compartment for small tools, nails, screws, etc. 6 1/2" deep, 15" long and 8 3/4" wide. Carries like a hand bag.



No. 851

No. 851 contains 35 tools as follows:

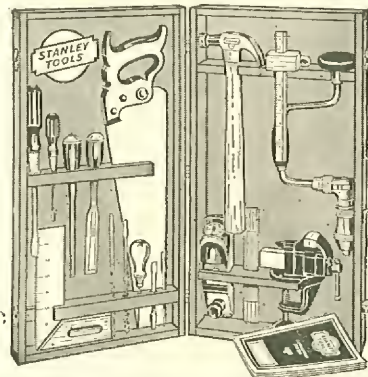
- 1—13 oz. Hammer
- 1—4 oz. Hammer
- 1—20" Hand Saw
- 1—10" Back Saw
- 1—Keyhole Saw
- 1—Coping Saw
- 1—5" Sc. Driver
- 1—4" Sc. Driver
- 1—3" Sc. Driver
- 1—5" Z. Z. Rule
- 1—11 1/2" Plane
- 1—6" Plane
- 1—Scrapper
- 1—8" Bit Brace
- 1—1/4" Auger Bit
- 1—3/8" Auger Bit
- 1—1/2" Auger Bit
- 1—Gimlet Bit
- 1—Sc. Driver Bit
- 1—Bit Gauge
- 1—1/4" Chisel
- 1—1/2" Chisel
- 1—1" Chisel
- 1—1/2" Cold Chisel
- 1—Vise

No. 851

Cabinet made of oak in rich dark stain and well varnished. Doors hung on brass plated hinges, and secured with brass lock with key. Drawer for nails, screws and small tools. Size 8" deep, 26 1/2" high, 19 1/2" wide. Weight 52 lbs.

- 1—Comb. Square
- 1—Bevel
- 1—Mark Gauge
- 1—Spoke Shave
- 1—Level
- 1—Nail Set
- 1—Pair Pliers
- 1—Oil Stone
- 1—Hollow Handle with tools
- 12 extra coping saw blades

Price, complete .....\$65.00



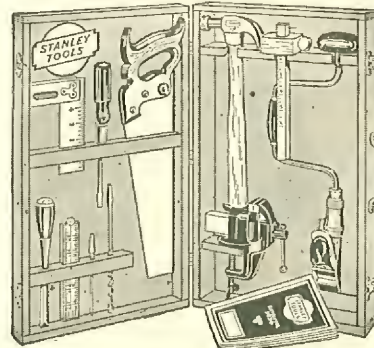
No. 903

Made of hardwood, finished in dark stain and varnished. Three hinges and two catches on the case, also a handle to carry like a suitcase. Size 11 1/4" wide, 4" deep, 21" long.

No. 903 complete, weight 16 lbs., each.....\$20.00

No. 903 Contains 17 tools as follows:

- 1—13 oz. Hammer
- 1—5" Sc. Driver
- 1—3" Sc. Driver
- 1—4' Z. Z. Rule
- 1—16" Hand Saw
- 1—7 1/2" T.&M. Square
- 1—Mark Gauge
- 1—7" Plane
- 1—1/4" Chisel
- 1—3/4" Chisel
- 1—Bit Brace
- 1—1/4" Auger
- 1—3/8" Auger
- 1—Gimlet Bit
- 1—Sc. Driver Bit
- 1—Awl
- 1—Vise



No. 904

Made of hardwood, finished in dark stain, and varnished. Three hinges, two catches and a carrying handle to carry like a suitcase. Size 11 1/4" wide, 4" deep, 19 1/4" long.

No. 904 complete, weight 13 lbs., each.....\$15.00

No. 904

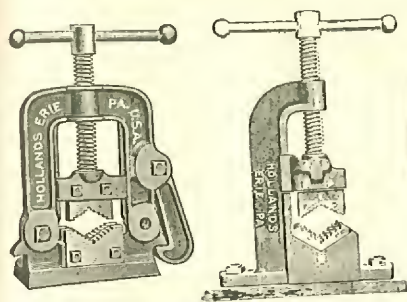
Contains 12 tools as follows:

- 1—10 oz. Hammer
- 1—4" Sc. Driver
- 1—2' Fold Rule
- 1—14" Hand Saw
- 1—4 1/2" Try Square
- 1—Mark Gauge
- 1—5 1/2" Plane
- 1—1/2" Chisel
- 1—8" Bit Brace
- 1—1/4" Auger Bit
- 1—3/8" Auger Bit
- 1—Vise



## PIPE TOOLS

## PIPE VISES



Nos. 399 and 402

No. 1 1/2

Nos. 1 and 2

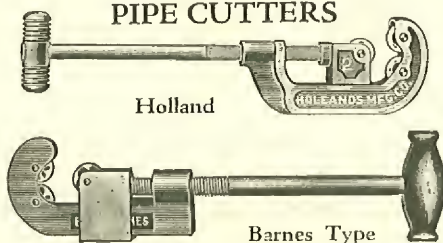
Nos. 399, 402 and 1 1/2 have malleable frames, turned steel screws and oil tempered tool steel pipe jaws milled from solid bars. Can be attached to bench or wagon bed. No. 1 1/2 can be attached horizontally to a post.

No.	Type	Pipe Capacity	Weight	Each
399	Hinged	1/8 to 1 1/2"	5 lbs.	\$3.60
402	Hinged	1/8 to 2 1/2"	12 lbs.	5.00
1 1/2	Open Side	1/8 to 2"	12 lbs.	4.80

Nos. 1 and 2 Chain Pipe Vise. Made entirely of drop forged steel. The jaws are so tempered that they can be sharpened with a file. This vise is unbreakable, quick acting, and can be carried in a tool bag. Can be attached to bench or post.

No.	Type	Pipe Capacity	Weight	Each
1	Chain	1/8 to 2"	4 lbs.	\$ 5.00
2	Chain	1/4 to 4"	10 lbs.	10.00

## PIPE CUTTERS

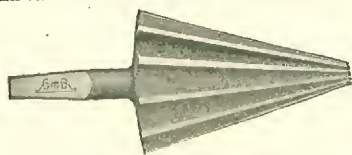


Holland

Barnes Type

No.	Type	Cuts Pipe	Each
1W	Holland	1/8 to 1 1/4"	\$ 4.50
2W	Holland	3/8 to 2"	6.00
1	Barnes	1/8 to 1"	4.50
2	Barnes	1/2 to 2"	6.00
3	Barnes	1 1/2 to 3"	10.00

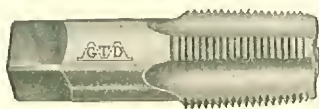
## PIPE BURRING REAMERS

Nos.  
1 and 2Shank  
for  
Bit Brace

Straight Flute Pipe Burring Reamers

No. 1 for 1/4 to 1 1/4" Pipe, each.....	\$1.50
2 for 1/4 to 2" Pipe, each.....	3.00

## PIPE TAPS



Carbon Steel Plug Pipe Tap

Right Hand Briggs American Standard Thread.

Inside Pipe Sizes	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
List Each.....	\$1.00	\$1.20	\$1.60	\$2.00	\$2.80	\$4.40	\$5.00	\$6.60
Drill to use	3/32"	1/16"	5/32"	3/16"	1/8"	1/4"	5/16"	3/8"

## ARMSTRONG PIPE STOCK AND DIES

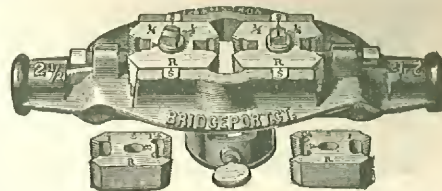
Right Hand Briggs American Standard Thread.  
For Iron Pipe.

Illustration above shows No. 2 1/2 stock with double dies. Note one of the sets listed below has double dies. Handles are included with stock.

## Sets, Stock with Pipe Dies.

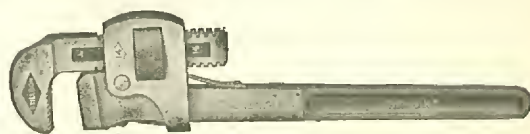
Set No.	Pipe Sizes	Price
1	with 4 Single dies 1/8, 1/4, 3/8 and 1/2", List.....	\$ 9.00
2	with 5 Single dies 1/4, 3/8, 1/2, 3/4 and 1", List.....	12.00
2	with 6 Single dies 1/8, 1/4, 3/8, 1/2, 3/4 and 1", List.....	14.00
2 1/2	with 2 Double dies, 1/2, 3/4, 1 and 1 1/4", List.....	14.00
3	with 4 Single dies, 1, 1 1/4, 1 1/2, 2", List.....	21.00

Each set packed in a wood box.

Pipe Dies and Bushings for Armstrong Pipe Stocks. Price of dies is for two pieces. In ordering specify size, number of die, also size of pipe to be cut. Right hand dies carried in stock, left hand dies can be furnished.

Die and Stock Size	Specify for Pipe	List Price Die 2 Pieces	List Price Bushing Each
1	for 1/8, 1/4, 3/8 or 1/2"	\$1.60	\$ .30
2	for 1/8, 1/4, 3/8, 1/2, 3/4 or 1"	2.00	\$ .40
2 1/2	for 1/2, 3/4, 1 or 1 1/4"	3.50	.60
3	for 1/2, 3/4, 1, 1 1/4, 1 1/2 or 2"	4.50	.75

## PIPE WRENCHES

Stillson Wood Handle  
in 6, 8, 10 and 14" sizesStillson Steel Handle  
in 18, 24, 36 and 48" sizesTrimont Steel Handle  
6" to 48" sizes

Wood and steel handle, same price. Stillson and Trimont wrenches are made in the same sizes and capacities, and are same price.

Length	Capacity	List Each	List Extra Jaw
6"	1/8 to 1/2"	\$ 2.00	\$ .95
8"	1/8 to 3/4"	2.25	1.00
10"	1/8 to 1"	2.50	1.10
14"	1/4 to 1 1/2"	3.50	1.50
18"	1/4 to 2"	5.00	2.25
24"	1/4 to 2 1/2"	7.25	3.50
36"	1/4 to 3 1/2"	13.50	7.00
48"	1/4 to 5"	20.00	10.50

Six wrenches in a box.



### GREENFIELD "BUTTON" AND "LITTLE GIANT" SCREW PLATES



These screw plates are of the very best grade. The sets contain Dies with Stock and Taps with Holder and cover the range of sizes as given below. Dies are adjustable.

#### "BUTTON" SCREW PLATES

Set No.	Machine Screw Sizes—Dies $\frac{1}{8}$ " diameter.	List Per Set
D-5	4-36, 6-32, 8-32, 10-24 and 12-24.....	\$8.00
D-6	4-36, 6-32, 8-32, 10-24, 12-24 and 14-20.....	9.00

#### Fractional Sizes—Dies $\frac{1}{8}$ " diameter.

DD-5	$\frac{1}{8}$ -40, $\frac{3}{16}$ -36, $\frac{1}{4}$ -24, $\frac{5}{16}$ -24, $\frac{3}{8}$ -20.....	\$8.00
------	--	--------

#### "LITTLE GIANT" SCREW PLATES

Set No.	U. S. S. Thread Bolt Size	List Per Set
1	$\frac{1}{4}$ -20, $\frac{5}{16}$ -18, $\frac{3}{8}$ -16, $\frac{7}{16}$ -14, $\frac{1}{2}$ -13.....	\$18.50
5	$\frac{1}{4}$ -20, $\frac{5}{16}$ -18, $\frac{3}{8}$ -16, $\frac{7}{16}$ -14, $\frac{1}{2}$ -13, $\frac{5}{8}$ -11, $\frac{3}{4}$ -10.....	27.50

#### S. A. E. Thread Bolt Sizes

31	$\frac{1}{4}$ -28, $\frac{5}{16}$ -24, $\frac{3}{8}$ -24, $\frac{7}{16}$ -20, $\frac{1}{2}$ -20.....	\$18.50
35	$\frac{1}{4}$ -28, $\frac{5}{16}$ -24, $\frac{3}{8}$ -24, $\frac{7}{16}$ -20, $\frac{1}{2}$ -20, $\frac{5}{8}$ -18, $\frac{3}{4}$ -16.....	27.50

Note: Set Nos. 1 and 31 have dies 2" dia., stock  $1\frac{1}{2}$ ".

Set Nos. 5 and 35 have dies  $2\frac{3}{4}$ " dia., stock 23".

One set in a case as illustrated.

### ROUND DIES AND DIE STOCKS



#### Round Dies—Adjustable

Diam.	Cuts, Sizes	Each
$\frac{1}{8}$ "	2-56.....	\$1.00
$\frac{3}{16}$ "	4-36, 6-32, 8-32, 10-24, 12-24, 14-20.....	.75
$\frac{1}{4}$ "	$\frac{1}{8}$ -40, $\frac{3}{16}$ -36, $\frac{1}{4}$ -24, $\frac{5}{16}$ -24, $\frac{3}{8}$ -20.....	.95

#### Die Stocks for Round Dies.

No.	Holds Dies	Length	Each
1851	$\frac{1}{8}$ " Dies	$6\frac{1}{4}$ "	\$1.35
1852	1" Diam.	9"	1.65

### "EZY-OUT" SCREW EXTRACTORS



For removing broken screws from metal. Drill a hole in the screw, insert the proper extractor. Keep on turning and the screw comes out.

Size No.	1	2	3	4	5	6	7	8	9
Min. Dia.									
Inches	.054	.080	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Each	\$1.55	\$1.60	\$1.65	\$1.75	\$1.85	\$1.00	\$1.35	\$1.85	\$2.65

Sets of "Ezy-outs"	Contains	Set
No. 15	For tool rooms, Nos. 1, 2, 3, 4 and 5.....	\$3.00
16	For heavy work, Nos. 6, 7, 8 and 9.....	6.65
17	For repair shops, Nos. 4, 5 and 6.....	2.35
20	Garage Set, Nos. 1 to 6 also (with the proper straight shank drill for each size extractor).....	5.00

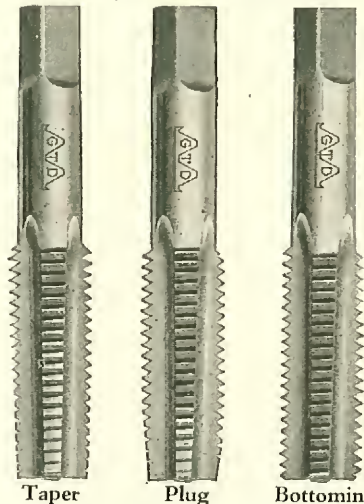
One set in a box.

### TAPS MACHINE SCREW TAPS



Sc. Gage	Threads to Inch	Carbon Steel	S. S. Drill to use	List Each
2	56		No. 51	\$1.45
4	36		43	.40
6	32		36	.35
8	32		29	.35
10	24		25	.40
12	24		16	.45
12	32		17	.45
14	20		7	.45

### HAND TAPS



#### Carbon Steel U. S. S. Thread

Dia.	Thread	Each	Set
$\frac{1}{4}$ "	20	\$ .45	\$1.35
$\frac{5}{16}$ "	18	.50	1.50
$\frac{3}{8}$ "	16	.55	1.65
$\frac{7}{16}$ "	14	.60	1.80
$\frac{1}{2}$ "	13	.70	2.10
$\frac{5}{8}$ "	12	.80	2.40
$\frac{3}{4}$ "	11	.90	2.70
$\frac{7}{8}$ "	10	1.20	3.60
1"	9	1.60	4.80
	8	2.00	6.00

S. A. E. Taps furnished at same price.

Be sure to specify whether Taper, Plug or Bottoming Tap or set of all three is wanted.

### STOVE BOLT TAPS

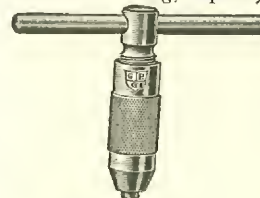


Size and Thread	Carbon Steel—Plug Style Only.	$\frac{1}{8}$ -24	$\frac{1}{4}$ -18	$\frac{5}{8}$ -18	$\frac{3}{4}$ -16
List, Each		\$ .40	\$ .45	\$ .50	\$ .55

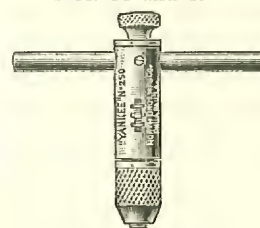
### TAP WRENCHES



Nos. 91A and 91B wrench. Will hold round or square shanks.  
No. 91A  $5\frac{3}{4}$ " long, capacity  $\frac{3}{8}$ " square,  $\frac{1}{4}$ " round. Each.....\$1.00  
No. 91B 9" long, capacity  $\frac{1}{4}$ " square,  $\frac{3}{8}$ " round. Each.....\$2.00



Nos. 88 and 89



Nos. 250 and 251

No.	Capacity	Length	Each
88	$\frac{3}{8}$ "	3"	\$ .65
89	$\frac{3}{8}$ "	3"	.65
*730	$\frac{1}{2}$ "		2.75

#### Long Shank

No.	Capacity	Length	Each
789	$\frac{3}{8}$ "	$12\frac{1}{4}$ "	\$2.00

\*Note: No. 730 is heavy, has handle 10" long.

#### Ratchet "T" Handle Tap Wrenches

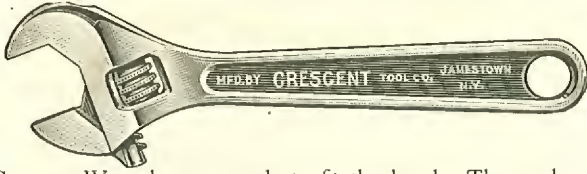
Ratchet can be set to work right or left or made rigid. Thumb piece is for quick starting or with-drawing.

No.	Capacity	Length	Each
250	$\frac{1}{8}$ "	$3\frac{1}{4}$ "	\$2.00
251	$\frac{1}{8}$ "	5"	2.75
1251	$\frac{1}{8}$ "	13"	3.50



## WRENCHES

## CRESCENT WRENCHES—SINGLE END



Crescent Wrenches are made to fit the hand. The angle of the head is the most convenient. Made of high grade heat treated forgings. Heads and edges polished bright.

Length .....	4"	6"	8"	10"	12"	15"	18"
Capacity .....	1/2"	3/4"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2 1/8"
Each .....	\$1.00	\$1.00	\$1.25	\$1.60	\$2.35	\$3.50	\$5.00

## CRESCENT WRENCHES—DOUBLE END



Quality and finish same as single end.

Size .....	4-6	6-8	8-10	10-12
Capacity .....	1/2-3/4	3/4-1 1/8	1 1/8-1 1/4	1 1/4-1 1/2
Each .....	\$1.75	\$1.90	\$2.35	\$3.15

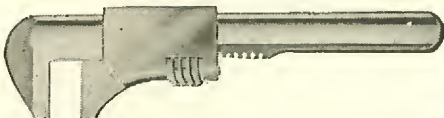
## SOLID KNIFE HANDLE WRENCHES



Head, Bar, Shoulder and Handle Frame are one forging and it is case hardened. Hand fitting wood slabs riveted to handle box.

Size .....	6"	8"	10"	12"	15"	18"	21"
List .....	\$1.25	\$1.50	\$1.83	\$2.33	\$3.17	\$4.00	\$4.83

## AUTOMOBILE WRENCHES



Drop forged, including the movable jaw. Smooth polished black rust proof finish.

Size .....	6"	8"	10"	12"
Each .....	\$.90	\$1.10	\$1.50	\$1.75

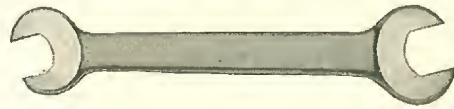
BILLINGS  
FORGED SOCKET  
WRENCH SETS

In addition to sockets each set includes a Ratchet Wrench, a 2" and a 9" extension and a screw driver. Sets No. 52 and 53 also have a brace type speed wrench.

No. 50 set contains 10 sockets to fit U. S. Standard bolts from 1/8 to 3/4". Per Set.....	\$9.00
No. 51 Set contains 12 Sockets to fit U. S. Standard Cap Screws for 1/8 to 1". Per Set.....	\$10.00
No. 52 Set contains 12 sockets to fit U. S. Standard and S. A. E. Standard Cap Screws from 1/8" to 1". Per Set.....	\$12.00
No. 53 Set contains 19 Sockets to fit U. S. Standard Bolts 1/8 to 3/4", U. S. Standard Cap Screws 1/8 to 1", and S. A. E. Cap Screws 1/4 to 7/8". Per Set.....	\$15.00

No.  
1325  
1326  
1327  
1328  
1330

## ENGINEERS WRENCHES



Regular Pattern

15 degree angle double head,

Black Rust Proof Finish

No.	U. S. S. Bolt Size	Hex. Head Cap Sc.	Size Sc. S. A. E. Head and Nut	Milled Openings	Lgth. Inch	Black List Each
1101	1/8-1/8			1 1/8-3/8	4	\$.34
1105		1/8-1/8		3/8-1/2	4 1/2	.42
1107	3/16-1/4			3/8-1/2	4 1/2	.42
1109		1/4-5/16	1/4-5/16	1/2-1/2	5	.50
1111		5/16-3/8	5/16-3/8	1/2-1/2	5	.50
1112	1/4-5/16			1/2-3/8	5	.50
1116		3/8-7/16	3/8-7/16	3/8-3/8	6	.62
1118	5/16-3/8			3/8-1 1/8	6	.62
1118X		3/8-	3/8-	1/2-1 1/8	6	.62
1117		3/8-1/2	3/8-1/2	1/2-3/4	6	.74
1120		1/2-1/2	1/2-1/2	5/8-3/4	5 3/4	.74
1120X		1/2-	1/2-	3/4-3/4	6 3/4	.74
1123	3/8-7/16			1 1/8-3/8	6 3/4	.74
1125		1/2-9/16	1/2-	3/4-1 1/8	8	.90
1126		1/2-3/8	1/2-9/16	3/4-7/8	8	.90
1128	1/2-1/2			3/4-7/8	8	.90
1132			5/8-1 1/8	1 1/8-1	9	1.10
1133		5/8-3/4	5/8-1 1/8	7/8-1	9	1.10
1134	1/2-5/8		1/2-3/4	1 1/8-1 1/8	10	1.36
1136	3/4-5/8		3/4-	1 1/2-1 1/8	10	1.36
1139		3/4-1	1 1/8-7/8	1 1/2-1 1/4	11 1/2	1.92
1140	5/8-3/4		3/4-7/8	1 1/2-1 1/4	11 1/2	1.92



Thin Head Check Nut Wrenches

15 degree angle, double head.

No.	U. S. S. Bolt Size	Hex. Head Cap Sc.	Size Sc. S. A. E. Head and Nut	Milled Openings	Lgth. Inch	Black List Each
1325		1/8-1/4	1/4-	3/8-7/16	4 1/2	\$.50
1326		1/4-5/16	1/4-5/16	1/2-1/2	4 1/2	.50
1327		5/16-3/8	5/16-3/8	1/2-1/2	4 1/2	.50
1328		3/8-7/16	3/8-7/16	1/2-5/8	5 1/2	.64
1330		1/2-5/8	1/2-9/16	3/4-7/8	7	.80



Light Service "S" Wrenches

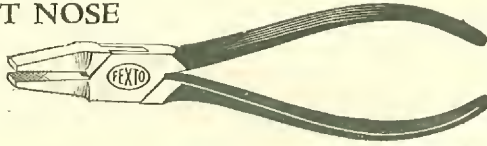
22 1/2 degree angle, double head.

No.	U. S. S. Bolt Size	Hex. Head Cap Sc.	Size Sc. S. A. E. Head and Nut	Milled Openings	Lgth. Inch	Black List Each
2000		1/8-1/4	1/4-	3/8-7/16	6 1/4	\$.54
2001		1/4-5/16	1/4-5/16	1/2-1/2	6 1/4	.54
2007		5/16-3/8	5/16-3/8	1/2-1/2	7 1/8	.68
2013		3/8-	3/8-	1/2-1 1/8	8 1/4	.86
2017		1/2-	1/2-	5/8-1 1/8	8 1/4	.86
2025		1/2-9/16	1/2-	3/4-1 1/8	9 1/4	1.10
2026		1/2-5/8	1/2-9/16	3/4-7/8	9 1/4	1.10
2035		5/8-3/4	5/8-1 1/8	7/8-1	10 3/8	1.40



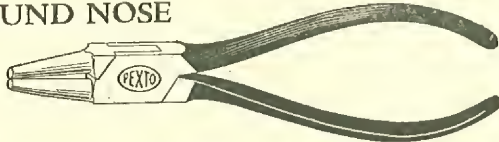
## PLIERS

## FLAT NOSE



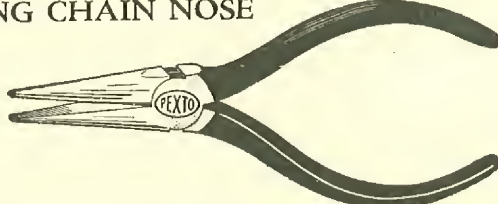
No. 200 Lap Joint, Polished Head, Blued Handles.  
 Size ..... 4 1/2" ..... 5" ..... 6"  
 Each ..... \$.80 ..... \$.85 ..... \$.95

## ROUND NOSE



No. 250 Lap Joint, Polished Head Blued Handles  
 Size ..... 4" ..... 4 1/2" ..... 5"  
 Each ..... \$.75 ..... \$.80 ..... \$.85

## LONG CHAIN NOSE



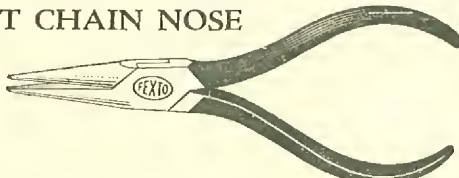
No. 42 Lap Joint, Polished Head, Gun Barrel Handles  
 Size ..... 5 1/2" ..... 6 1/2"  
 Length of Jaws ..... 1 3/4" ..... 2 3/8"  
 Each ..... \$1.10 ..... \$1.20

## LONG CHAIN NOSE SIDE CUTTING



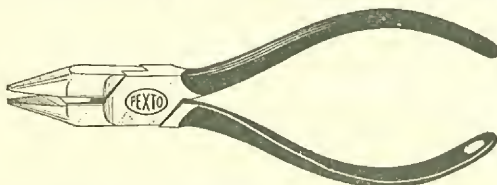
No. 63 Lap Joint, Polished Head, Gun Barrel Handles  
 Size ..... 5 1/2" ..... 6 1/2"  
 Length of Jaws ..... 1 3/4" ..... 2 3/8"  
 Each ..... \$1.20 ..... \$1.30

## SHORT CHAIN NOSE



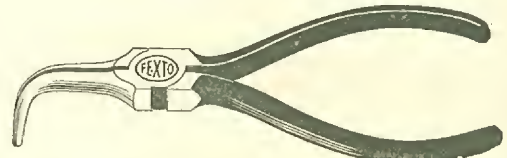
No. 44 Lap Joint, Polished Head, Gun Barrel Handles  
 Size ..... 4" ..... 4 1/2"  
 Length of Jaws ..... 1 5/8" ..... 1"  
 Each ..... \$.75 ..... \$.80

## MILLINERS OR RADIO SIDE CUTTING



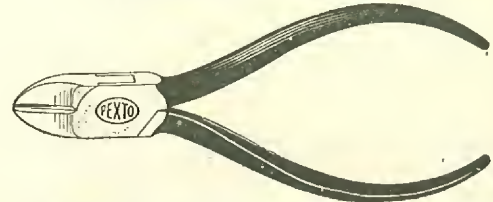
No. 99 Lap Joint, Polished Head, Gun Barrel Handles  
 Hole in handle for cord, slender round nose.  
 Size ..... 4 1/2" ..... 5"  
 Each ..... \$1.00 ..... \$1.10

## CURVED NOSE



No. 67 Lap Joint, Polished Head, Gun Barrel Handles  
 Size 5 1/2", length of curve 7/8". Each ..... \$1.65

## DIAGONAL CUTTING



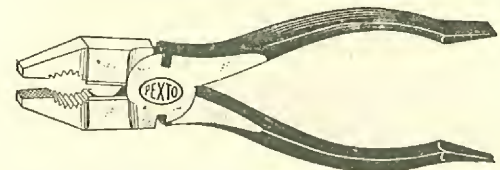
No. 27 Box Joint, Polished Head, Gun Barrel Handles  
 For getting in places where side cutting plier cannot be used.  
 Size ..... 4 1/2" ..... 5" ..... 6"  
 Each ..... \$1.65 ..... \$1.80 ..... \$2.00

## END CUTTING NIPPERS



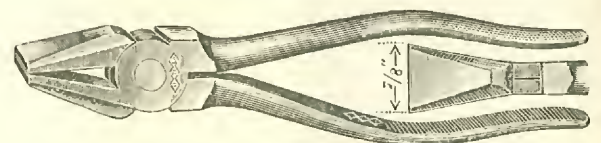
No. 72 Milled Jaws, Polished Head, Gun Barrel Handles  
 A very high grade tool for the expert, and careful user.  
 Size ..... 4" ..... 5" ..... 6" ..... 8"  
 Each ..... \$1.00 ..... \$1.10 ..... \$1.30 ..... \$1.65

## COMBINATION PLIERS



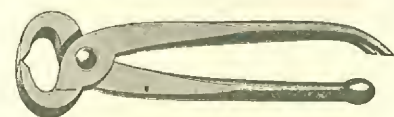
No. 70 Polished Head, Gun Barrel Handles  
 A flat nose plier, a burner plier and a cutting plier combined.  
 Has 3 different cutters. A convenient household tool.  
 Size ..... 6" ..... 7" ..... 8"  
 Each ..... \$1.00 ..... \$1.10 ..... \$1.25

## GLASS NIPPERS



No. 2 Forged Steel. For trimming plate glass.  
 Size ..... 7" ..... 8"  
 Each ..... \$1.60 ..... \$1.75

## CARPENTERS PINCERS



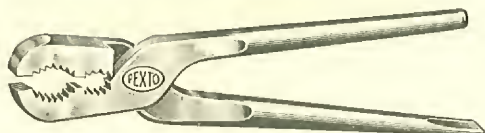
No. 80 Forged Steel, Black Finish, Polished Face  
 Size ..... 6" ..... 7" ..... 8"  
 Each ..... \$.60 ..... \$.70 ..... \$.80

All packed six in a box.



# PLIERS, NIPPERS AND SPlicing CLAMPS

## GAS PLIERS



No. 13 Forged Steel, Polished Head			
Size .....	7"	8"	10"
Each .....	\$ .90	\$1.00	\$1.25

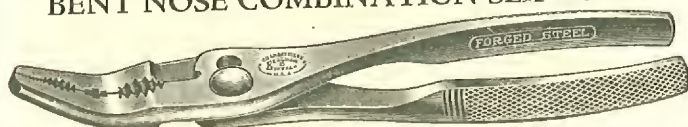
## COMBINATION SLIP JOINT PLIERS



Drop forged from 50 Carbon Steel, perfectly tempered. Bearing surface cup ground to prevent friction, knurled handles. Nickel plated.

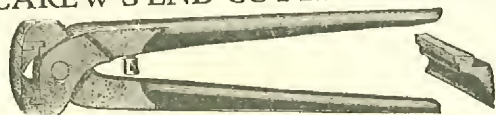
Size .....	5"	6"	8"	10"
Each .....	\$ .75	\$ .90	\$1.00	\$1.25

## BENT NOSE COMBINATION SLIP JOINT



Same grade and finish as above. The nose is narrow as well as bent, and will get into tight places. No. 117—7½". Each.....\$1.25

## CAREW'S END CUTTING NIPPERS



For close cutting soft steel, wire, nails and bolts. Cutters dovetail into jaws. Adjustable stop.

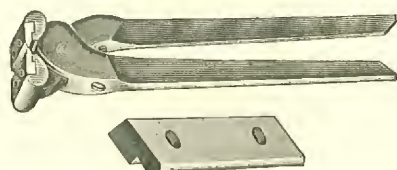
Size .....	8"	10"	12"	14"
Each .....	\$5.20	\$5.70	\$6.60	\$8.00
Extra Cutters, pair.....	1.50	1.60	1.70	1.80

## ACME END CUTTING NIPPERS



Nos. ....	5	4	3	2	1
Length .....	7"	8"	10"	11"	12"
Each .....	\$2.50	\$2.75	\$3.25	\$3.50	\$3.75
Extra Cutters, pair, for all sizes \$.80					

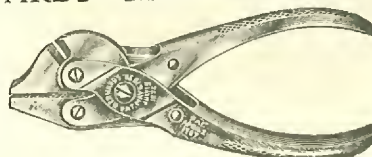
## TODD END CUTTING NIPPERS



Nos. ....	6	4	3	1	0
Length .....	6"	8"	10"	12"	15"
Each .....	\$3.00	\$3.40	\$4.00	\$5.00	\$6.75
Extra Cutters, pair.....	1.05	1.15	1.35	1.50	1.75

All one pair in a box.

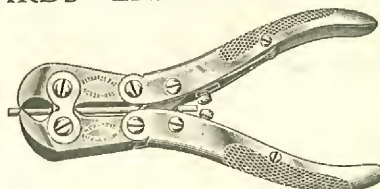
## "BERNARDS" SIDE CUTTING PLIERS



No. 102 Parallel Jaws. Makes a good hand vise. Jaws are open in the back, permitting wire or nail to pass out between the handles. Nickel plated.

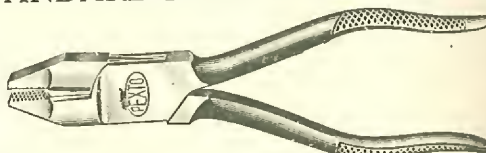
Size .....	4½"	5½"	6½"	8"
Each .....	\$2.00	\$2.25	\$3.00	\$3.75

## "BERNARDS" END CUTTING NIPPERS



No. 125 Spring acting, compound leverage, open throat. The most powerful end cutter obtainable. Nickel plated. Size 6". Each.....\$3.00

## STANDARD SIDE CUTTING PLIERS



No. 30 Box Joint, polished, knurled Gun Barrel Handles. Opens easily. Cutters meet accurately.

Size .....	5"	6"	7"	8"
Each .....	\$1.75	\$2.00	\$2.25	\$2.75

## KLEINS SIDE CUTTING PLIERS



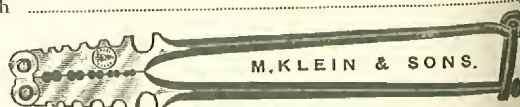
This is the Genuine Klein "Diamond Special" Lineman's plier. Handles fit the hand, powerful leverage, keen reinforced cutting knives. Full clearance back of knives permits use on insulated wire.

No. 201.....	6"	7"	8"	9"
Each .....	\$3.25	\$3.50	\$4.00	\$5.00

## KLEINS SPlicing CLAMPS



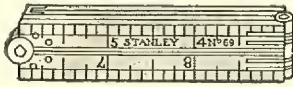
No. 102-3 10¾" For bare wire, five round holes and one oval hole. Capacity, copper wire 2 to 12 ga.; iron wire 4 to 14 ga. Spring tempered and polished head. Each .....



No. 132-15 11¼" For bare wire, five round holes and one oval hole for guy strand. The reverse has five double chambers for twisting sleeves. This clamp is practically a universal tool for linemen. Spring tempered and polished head. Each.....\$6.00

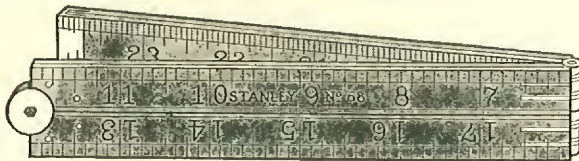


## BOXWOOD RULES



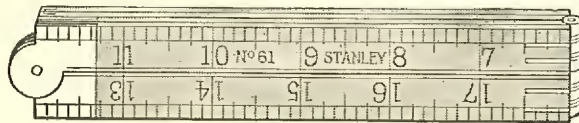
No. 69

One foot, four fold,  $\frac{5}{8}$ " wide, round joint, middle plates. Graduated 8ths and 16ths. Each.....\$.25



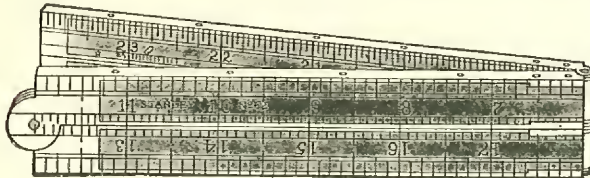
No. 68

Two foot, four fold, 1" wide. Round joint, middle plates. Graduated 8ths and 16ths. Each.....\$.25  
No. 68A, Same as No. 68 but with heavy figures. Each.....\$.25



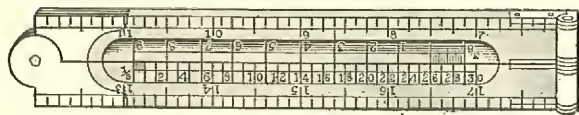
No. 61

Two foot, four fold, 1" wide. Square joint, middle plates. Graduated 8ths and 16ths. Each.....\$.35



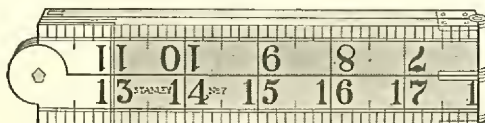
No. 62

Two foot, four fold, 1" wide. Square joint, full brass bound. Drafting scales. Graduated 8ths, 10ths, 12ths, 16ths. Each.....\$.90



No. 53 1/2. Architect's Rule.

Two foot, four fold, 1" wide. Arch joint, edge plates. Drafting scales. Graduated 8ths, 10ths, 12ths and 16ths. The inside edge of this rule is beveled and divided into drafting scales  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ " and  $\frac{1}{2}$ ". Each.....\$.90



No. 7 "Blindmans"

Two foot, four fold, square joint, edge plates. Large figures, graduated 8th and 16th. Each.....\$.100



No. 66 1/2

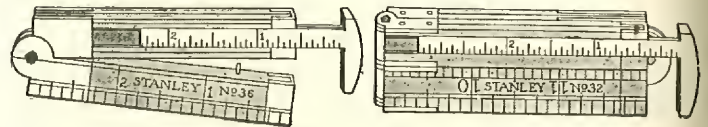
Three foot, four fold, 1" wide. Arch joint, middle plates. Graduated 8ths and 16ths. Each.....\$.70



No. 66 3/4

Three foot, four fold, 1" wide. Arch joint, full brass bound. Graduated 8ths and 16ths. Each.....\$.180

## . CALIPER RULES

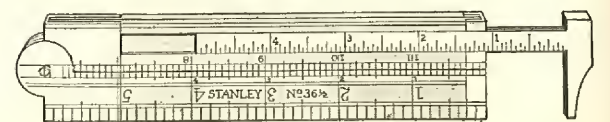


No. 36

No. 32

No. 36, Six inch, two fold,  $\frac{7}{8}$ " wide. Square joint, graduated 8ths, 10ths, 12ths and 16ths. Brass caliper head. Each.....\$.60

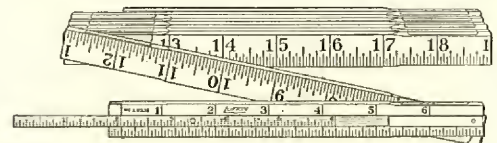
No. 32, One foot, four fold, 1" wide. Arch joint, edge plates. Brass caliper head. Graduated 8ths, 10ths, 12ths and 16ths. Each.....\$.90



No. 36 1/2

One foot, two fold,  $1\frac{3}{8}$ " wide. Square joint. Graduated 8ths, 10ths, 12ths and 16ths. Brass caliper head. Each.....\$.85

## EXTENSION FOLDING RULES



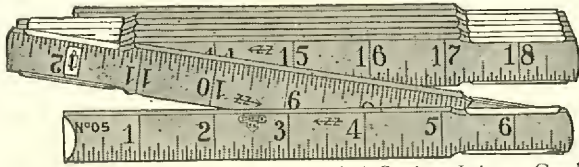
No. X8536

Designed particularly for taking inside measurements such as door and window frames. Very convenient for the screen maker. A 6" graduated brass slide is fitted into the first section of the rule. This slide runs in a "T" slot, and having stop at each end cannot fall out. Made of genuine box wood. Spring joints of the rivet type. To take inside measurement, open rule to within 6 inches or less of the distance, then push out brass slide to point of measurement. Graduated 8ths and 16ths. No. X8536, 6 ft. (12 fold). Each.....\$.150

All six in a box.



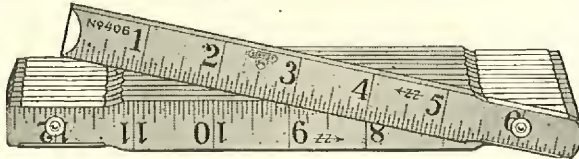
## STANLEY "ZIG ZAG" RULES



6 inch folds,  $\frac{3}{8}$ " wide, Concealed Spring Joint. Graduated in 16ths both sides.

Yellow Enamel Finish				
No. ....	03	04	05	06
Length, ft. ....	3	4	5	6
Each .....	\$ .35	\$ .45	\$ .55	\$ .70

White Enamel Finish				
No. ....	103	104	105	106
Length ft. ....	3	4	5	6
Each .....	\$ .40	\$ .50	\$ .60	\$ .75



6 inch folds,  $\frac{3}{8}$ " wide. Rivet joint. Graduated in 16ths both sides.

White Enamel Finish				
No. ....	504	505	506	
Length ft. ....	4	5	6	
Each .....	\$ .45	\$ .55	\$ .70	

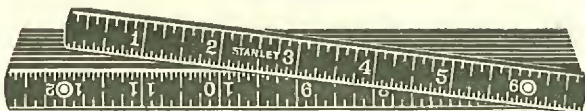


4 inch folds,  $\frac{1}{8}$ " wide, Concealed Spring Joints. Graduated in 16th, both sides.

Yellow Enamel Finish				
No. ....	342	343	344	
Length ft. ....	2	3	4	
Each .....	\$ .30	\$ .35	\$ .45	

White Enamel Finish				
No. ....	642	643	644	
Length ft. ....	2	3	4	
Each .....	\$ .35	\$ .40	\$ .50	

## STANLEY ALUMINUM "ZIG ZAG" RULES



Aluminum "Zig Zag" rules are recommended on account of their strength and the fact that they will not rust. Rivet joints with stiff springs hold rule rigid when open. Figures and graduations are raised and are white. Black background. 6" folds,  $\frac{1}{2}$ " wide, graduated in 16ths.

No. ....	424	425	426
Length ft. ....	4	5	6
Each .....	\$1.35	\$1.70	\$2.00

## LUFKIN STEEL FOLDING RULES

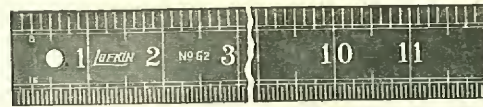


6" folds,  $\frac{3}{4}$ " wide, with riveted stop joints. Much stronger than wood. Made of spring steel  $\frac{3}{32}$ " thick. Patent stop joints hold rule rigid when open. Sunken black figures and lines give good contrast. Graduated both sides.

No. ....	1172	1173	1174	1175	1176
Length ft. ....	2	3	4	5	6
Each .....	\$1.30	\$1.95	\$2.60	\$3.25	\$3.90

Zig Zag rules six in a box.

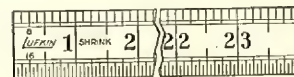
## STRAIGHT STEEL RULES



No. 62 is well adapted to such general work as requires a long one piece steel rule of medium weight. This rule has bright surface and distinct black sunken figures and lines:  $\frac{1}{4}$ " wide,  $\frac{1}{16}$ " thick. Hole in one end. Marked both sides, upper edge 8ths, lower 16ths.

No. 62 .....	1 ft.	2 ft.	3 ft.	4 ft.
Each .....	\$1.50	\$2.50	\$3.50	\$5.00

## STEEL SHRINK RULES



No. 90F

For pattern makers, foundry workers and others. Made of spring tempered steel, approximately  $\frac{3}{32}$ " thick. Finest grade and guaranteed accurate. Graduated 8ths and 16ths both sides. This rule is carried in following shrinkages, 1/10th, 1/8th, 3/16th and 1/4" to the foot. Specify which shrinkage is wanted.

24" long,  $\frac{1}{16}$ " wide, each.....\$2.25

## BOXWOOD SHRINK RULES



No. 8205

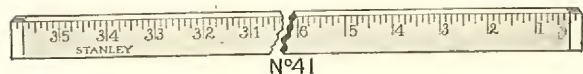
For pattern makers, two foot, brass capped.  $\frac{1}{2}$ " wide by  $\frac{1}{8}$ " thick. Marked both sides and both edges, one side 8ths, other side 16ths.

No. 8201 $\frac{1}{16}$ " shrinkage to foot, each.....	\$1.75
8203 $\frac{1}{10}$ " shrinkage to foot, each.....	1.75
8205 $\frac{1}{8}$ " shrinkage to foot, each.....	1.75
8206 $\frac{3}{16}$ " shrinkage to foot, each.....	1.75
8207 $\frac{1}{4}$ " shrinkage to foot, each.....	1.75
8209 $\frac{3}{8}$ " shrinkage to foot, each.....	1.75

## HARDWOOD YARD STICKS



No. 7121

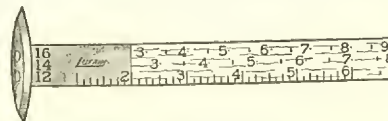


N°41

One side graduated in  $\frac{1}{8}$  inches, other side fractions of yard.

No. 7121 Maple $1\frac{1}{4}$ " Plain Ends, each.....	\$3.55
7122 Maple $1\frac{1}{4}$ " Brass Tips, each.....	.50
50 Hickory $\frac{3}{4}\times\frac{3}{8}$ " Brass Caps, each.....	.70

## HICKORY BOARD RULES



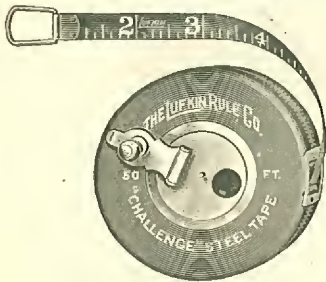
Marked 8/18

No. 2—3 Tier, width  $\frac{1}{8}$ , full length, 3 ft. Figured 30" burnt figures, oval steel head brazed to 2", brass shoulder. The standard rule for lumber dealers. Each.....\$3.00

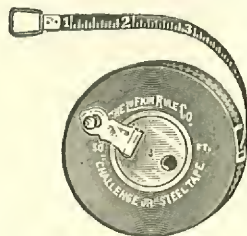


## LUFKIN MEASURING TAPES

## STEEL TAPES



"Challenge"  
Tape  $\frac{3}{8}$ " wide



"Challenge Jr."  
Tape  $\frac{1}{4}$ " wide

The standard tape for building and construction work. Line is made of highest grade tape steel, and has distinct markings. Case of selected genuine russet leather, hand stitched and with substantial plated steel liner. Folding flush handle is opened by pressing pin on opposite side. Trimmings, nickel plated. Measurements guaranteed accurate.

"The Challenge" Steel Tape  $\frac{3}{8}$ " wide.

Marked, feet, inches and 8th inches, one side only.

Length feet.....	25	50	75	100
No.....	260	263	265	266
Each.....	\$4.90	\$6.00	\$7.80	\$10.20

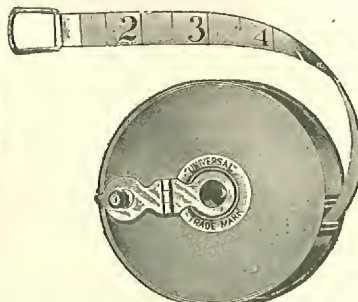
"The Challenge Jr." Steel Tape  $\frac{1}{4}$ " wide.

Marked, feet, inches and 16th inches, one side only.

Length feet.....	25	50	75
No.....	1260	1263	1265
Each.....	\$4.70	\$5.70	\$7.50

One in a box.

## METALLIC TAPES UNIVERSAL COTTON TAPES



Metallic tapes have  $\frac{5}{8}$ " wide linen line with metallic warp. Case and trimmings same as for steel tapes described above. Metallic tapes not as accurate as steel tapes, but less expensive and cannot be broken. Marked, feet and inches, one side only.

Length feet.....	25	50
No.....	500	503
Each.....	\$3.10	\$4.50

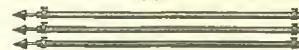
Universal Cotton Tapes have  $\frac{1}{2}$ " cotton line in enameled steel case with brass folding handle. They are not intended for accurate work. Marked feet and inches, one side only.

Length feet.....	25	50	75
No.....	710	713	715
Each.....	\$.65	\$.85	\$1.10

One in a box.

## STARRETTS TRANSIT

No. 99F



The instrument is composed of iron and brass, and consists of a tripod, to the head of which is connected by a ball and socket joint, an upper plate which can be leveled by the leveling screws. This plate is recessed to contain a graduated arc for taking horizontal angles. This arc is  $\frac{1}{2}$  of a circumference, reading 90 degrees each side of 0, and being independent of level and sight tube can be turned and used at any point of a complete circle. On this plate rests a triangular frame to which are attached a level, a graduated arc for taking vertical angles, graduated 45 degrees each side of 0, and a telescope which is brass, twelve inches long.

The Telescope has cross lines and is adjustable to distances. The lens is well protected from dirt and breakage by a friction cap, and a shutter for the eye aperture.

With short legs, as shown in the cut, the instrument is eight inches high. With long extension legs, which fasten on over the short legs, the height can be adjusted from two feet eight inches to four feet eight inches. The telescope level case, and graduated arcs are nickel plated, the other parts are japanned.

The advantages of this transit are as follows: The head is held to the tripod with a bolt and knurled nut, so as to make it stationary at any given point; the graduated arc can be clamped to the base plate by throwing a small cam arrangement, and a spring indexing finger to mesh in the arc graduations. The transit with short legs is housed in a substantial wood box about  $4\frac{3}{4} \times 9\frac{1}{2} \times 13\frac{3}{4}$ ". The extension legs are not packed in the box.

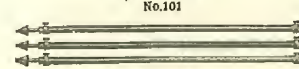
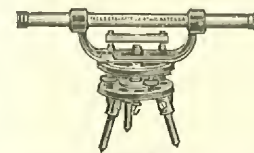
Furnished in wood carrying case with strap. Directions enclosed. Weight packed in box for shipment approximately 20 pounds.

No. 99F With telescope, long legs, and ground level vial.....\$40.00

Iron target, without pole..... 1.50

## STARRETTS LEVELING INSTRUMENT

No. 101C



These instruments attain angles in a horizontal plane only, and are designed for the use of farmers, contractors, carpenters, millwrights, masons, surveyors, etc. The upper plate is connected to the tripod head by a ball and socket joint, and is leveled by the leveling screws.

This plate is recessed to contain a graduated arc for taking angles, and on the plate is the frame with level and sight tube for taking horizontal angles only.

The telescope on the No. 101C is the same as that used on the No. 99F Transit. It has cross lines and is adjustable to distances.

Other features are precisely the same as the transit described and shown above.

Furnished in wood carrying case with strap. Directions included. Weight, packed in box for shipment, approximately 20 pounds.

No. 101C With telescope, long legs and ground level vial.....\$25.00

Iron target, without pole..... 1.50

## POCKET TAPES

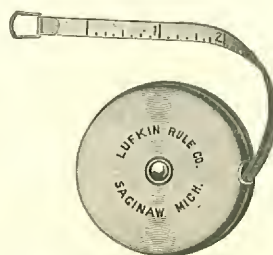
Steel Tape Pocket Tapes  $\frac{1}{4}$ " wide. Nickel plated case, spring wind, center stop. Round edge. Marked inches to 16ths, 1 side only.

Length, inches	36	60	72	96
No.....	143	145	146	148
Each.....	\$.90	\$1.10	\$1.25	\$1.75

Cotton Tape Pocket Tapes  $\frac{1}{4}$ " wide. Nickel plated case, spring wind, center stop. Round edge. Marked inches to 8ths, 1 side only.

Length, inches.....	36	60	72
No.....	173	175	176
Each.....	\$.65	\$.75	\$.85

12 in a box.



Cuts show opposite sides of pocket tape.



## PLUMBS AND LEVELS

### STANLEY WOOD LEVELS

#### SMALL STOCK

Hardwood Body, Non Adjustable, Proved Glasses



No. 104 Stock  $2\frac{3}{8} \times 1\frac{1}{4}$ " Plain Ends. Suitable for Millwrights and Plumbers.

Lengths.....	12"	14"	16"	18"
Each.....	\$1.20	\$1.20	\$1.25	\$1.25



No. 104 1/2 Same as No. 104 above, except with Brass Tips.

Lengths.....	12"	14"	16"	18"
Each.....	\$1.90	\$1.90	\$1.95	\$1.95

#### STANDARD STOCK

Hardwood Body, Non Adjustable, Proved Glasses



No. 0 Stock  $3\frac{1}{8} \times 1\frac{3}{8}$ " Plain Ends. For all ordinary work.

Lengths.....	24"	26"	28"	30"
Each.....	\$1.70	\$1.70	\$1.85	\$1.85

#### STANDARD STOCK

Hardwood Body, Duplex, Adjustable



No. 30 can be read conveniently, even if held above the head, has three glasses, a level glass, set in the top in the usual way, a plumb glass and a second level glass set in the side, which can be readily reversed to form a second plumb if desired.

	Stock $3\frac{1}{8} \times 1\frac{3}{8}$ " Brass Tips			
Lengths.....	24"	26"	28"	30"
Each.....	\$3.65	\$3.65	\$3.80	\$3.80

### STRATTONS NARROW MAHOGANY LEVELS



Made from solid stick of  $2 \times 1$ " thoroughly seasoned Mahogany. Brass bound edges and brass end plates. Side views are protected by brass plates. Glass vials are accurate and sensitive, and are adjustable in the stock. Fine finish. One plumb glass and one level glass.

No.	1518	1524
Length.....	18"	24"
Each.....	\$7.00	\$8.00

### STANLEYS IRON PLUMBS AND LEVELS



Tops and bottoms milled and wet ground to insure two perfectly parallel surfaces. The glasses are adjustable and are so set that either may be used to level or plumb.

Lengths.....	6"	9"	12"	18"	24"
No. 36 Japanned	\$1.90	\$2.30	\$2.75	\$3.30	\$3.70
No. 37 Nickered	2.70	3.20	3.70	4.45	5.15

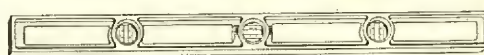
### STANLEY ALUMINUM PLUMBS AND LEVELS



Light but strong. They will not warp or rust; especially adapted for carpenters' use. The tops and bottoms are milled and ground to insure two perfectly parallel surfaces, fitted with three proved glasses (one level and two plumbs). Glasses are adjustable and are protected. Finished in Japan with nickel trimmings.

No. 237	12"	18"	24"
Each.....	\$4.05	\$5.05	\$5.85

### SANDS ALUMINUM LEVELS



The standard of accuracy, and easiest to read. Tubes protected with lenses on either side; either end or edge can be used for plumb or level. There is a plumb at each end for high and low reading. Can be read in any position. Guaranteed accurate.

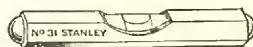
With two plumb and two level glasses.

No. 18	$18 \times 2\frac{1}{4} \times 1\frac{1}{8}$ "	Each.....	\$5.00
No. 24	$24 \times 2\frac{1}{4} \times 1\frac{1}{8}$ "	"	5.50

With four plumb and two level glasses.

No. 244	$24 \times 2\frac{1}{4} \times 1\frac{1}{8}$ "	Each.....	\$6.00
28	$28 \times 2\frac{1}{4} \times 1\frac{1}{8}$ "	"	6.50
30	$30 \times 2\frac{1}{4} \times 1\frac{1}{8}$ "	"	6.75

### HEXAGON POCKET LEVELS



	Nickel plated, proved glasses.		
No. 31	2"	$2\frac{1}{2}$ "	3"
Each.....	\$ .45	\$ .50	\$ .60

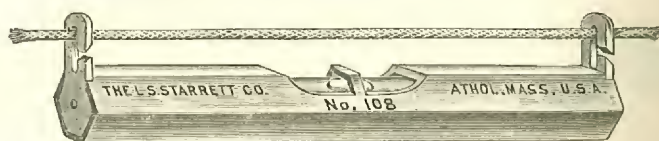
### STANLEY ECLIPSE MACHINISTS LEVELS



Nickel Plated, Ground Glasses. Revolving covers. Glasses long and large. "V" groove in bottom for centering on shafting pipe, etc.

No. 34G	4"	6"	8"
Each.....	\$1.65	\$2.10	\$2.80

### STARRETT ALUMINUM LINE LEVEL



#### No. 108 Full Size Cut

Line levels are used in laying foundations, tile, pipe, cement and brick walls, working ditches, determining grades, building roads, trimming hedges, etc. Can also be used as a surface level. The construction of the slot prevents its dropping off the line when in use. The lightness of this level tends to eliminate sag in the line. Made from  $\frac{3}{8}$ " hexagonal stock 3" long, and weighing but  $\frac{1}{2}$  ounce it may be conveniently carried in the pocket. A luminous level glass with a yellowish fluid which is preferable in line levels is furnished in this level.

Twelve on a display card. Each..... \$ .75

### LEVEL SIGHTS



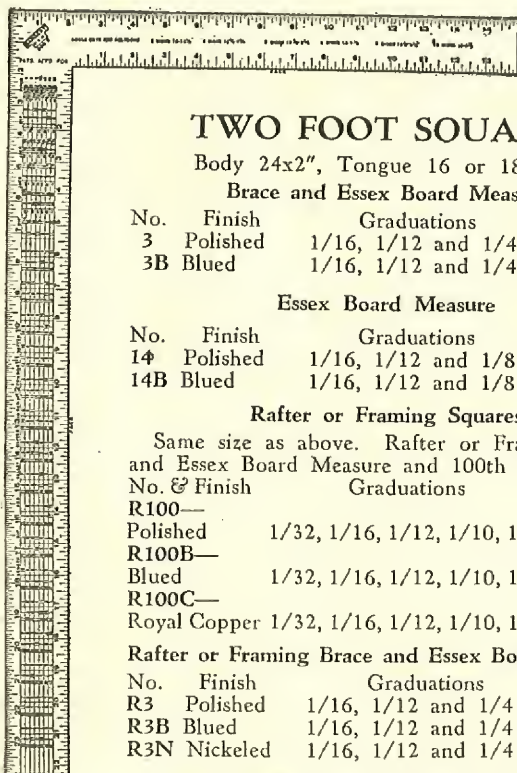
No. 1 for Wood Levels	No. 2 for Metal Levels
No. 1 or No. 2 Japd. Finish.	Per pair.....
	\$1.25

### LEVEL GLASSES—PROVED

Lengths.....	1 to $1\frac{3}{4}$ "	2"	$2\frac{1}{2}$ "	3"
Each.....	\$ .12	\$ .15	\$ .18	\$ .20



## STANDARD STEEL SQUARES



## TWO FOOT SQUARES

Body 24x2", Tongue 16 or 18x1 1/2"

Brace and Essex Board Measure

No.	Finish	Graduations	Each
3	Polished	1/16, 1/12 and 1/4 in.	\$2.50
3B	Blued	1/16, 1/12 and 1/4 in.	3.10

Essex Board Measure

No.	Finish	Graduations	Each
14	Polished	1/16, 1/12 and 1/8 in.	\$2.25
14B	Blued	1/16, 1/12 and 1/8 in.	2.85

Rafter or Framing Squares

Same size as above. Rafter or Framing Square and Essex Board Measure and 100th scale.

No. & Finish	Graduations	Each
R100—		
Polished	1/32, 1/16, 1/12, 1/10, 1/8 in.	\$3.55
R100B—		
Blued	1/32, 1/16, 1/12, 1/10, 1/8 in.	4.15
R100C—		
Royal Copper	1/32, 1/16, 1/12, 1/10, 1/8 in.	4.55

Rafter or Framing Square and Essex Board Measure

No.	Finish	Graduations	Each
R3	Polished	1/16, 1/12 and 1/4 in.	\$2.75
R3B	Blued	1/16, 1/12 and 1/4 in.	3.35
R3N	Nickel	1/16, 1/12 and 1/4 in.	3.25

18 Inch Squares, Body 18x1 1/2", Tongue 12x1"

No.	Finish	Graduations	Each
18	Polished	1/16, 1/12 and 1/8 in.	\$2.25
18B	Blued	1/16, 1/12 and 1/8 in.	2.85

One Foot Square, Body 12x1 1/2", Tongue 8x1"

No.	Finish	Graduations	Each
10	Polished	1/12, 1/8 and 1/4 in.	\$1.70
12	"	1/16, 1/12 and 1/8 in.	1.95

Three in a box.

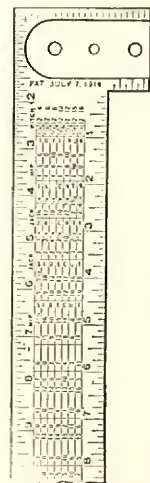


## "TAKE DOWN" SQUARES

The materials and workmanship in these squares is the highest quality. They are mechanically correct and when assembled are guaranteed to be square inside and outside.

The tongue is dove tailed into the body of the square, and drawn up against the shoulder to insure its proper position by the locking device.

Designed so that any wear will be taken up automatically, and the square will always be correct when the tongue is in the locked position. Each square packed in a water-proof canvas bag.



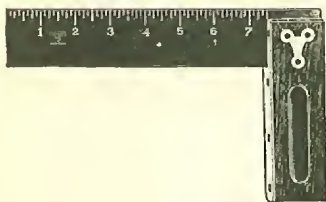
## TWO FOOT "TAKE DOWN" RAFTER SQUARES

Body 24x2 in. Tongue 16x1 1/2 in.

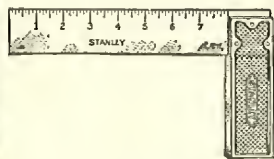
Rafter, Brace, Octagon and Essex Board Measure, and 100th Scale.

No.	Finish	Graduations	Each
600BR	Blued	1/32, 1/16, 1/12, 1/10, 1/8 in.	\$6.25

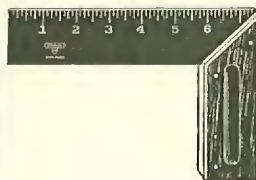
## STANLEY TRY SQUARES



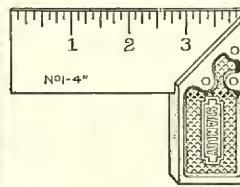
No. 20



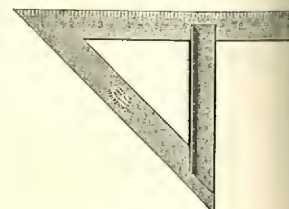
No. 12



No. 2



No. 1



No. 3 Fox

Edges are machined and are square inside and out. Graduated in 8ths of an inch.

No.	Size	Try Square	Steel Blade	Handle	Each
20	6"	"	6" Blued	4 3/8" Rosewood, Brass Faced	\$ .70
	7 1/2"	"	7 1/2" "	5 3/8" " " "	.75
	9"	"	9" "	6 3/8" " " "	1.00
	12"	"	12" "	7" " " "	1.30
12	6"	"	6" Nickel Plated	4 3/8" Iron, Nickel Plated	.75
	8"	"	8" " "	5 1/8" " " "	.85
2	6"	Try & Mitre	6" Blued	4" Rosewood, Brass Faced	.80
	7 1/2"	"	7 1/2" "	5" " " "	.95
	9"	"	9" "	5 3/4" " " "	1.15
	12"	"	12" "	5 3/4" " " "	1.40
1	6"	"	6" Nickel Plated	4" Iron, Nickel Plated	.80
	8"	"	8" " "	5" " " "	.95

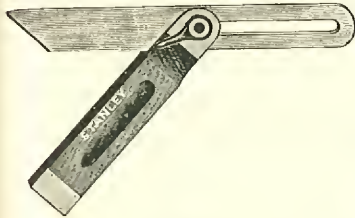
3 Fox's 10x7" Combined Square and Mitre. All steel, nickel plated.

Simple, accurate, durable. No adjusting necessary, each..... 1.00

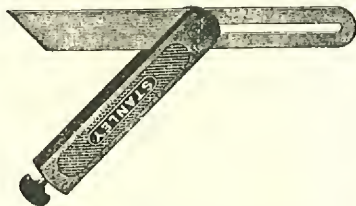
Try squares packed six in a box.



## SLIDING "T" BEVELS



No. 25



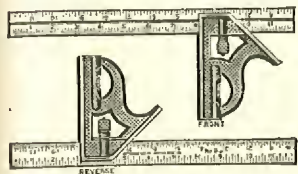
No. 18

Improved locking device prevents blade from slipping. Blades are machined on both sides and edges.

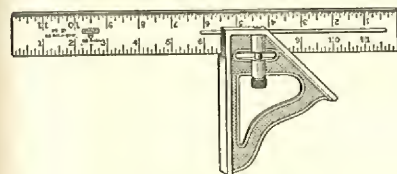
No.	Steel Blade	Handle	Each
25	6" Blued	47/8" Rosewood	.60
	8" "	57/8" "	.70
	10" "	73/8" "	.85
18	6" Nickel Plated	41/4" Iron N. P.	.90
	8" " "	51/8" " "	1.15
	10" " "	61/4" " "	1.25

Six in a box.

## COMBINATION SQUARES

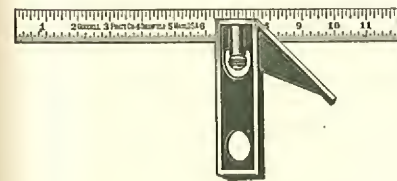


Starretts 12" Blade No. 94, Combines a Rule, Square, Mitre, Marking Gage, Depth Gage, Height Gage, Level and Plumb. Blade graduated in 8ths and 16ths. Head clamps at any point on blade or can be removed, each \$1.75



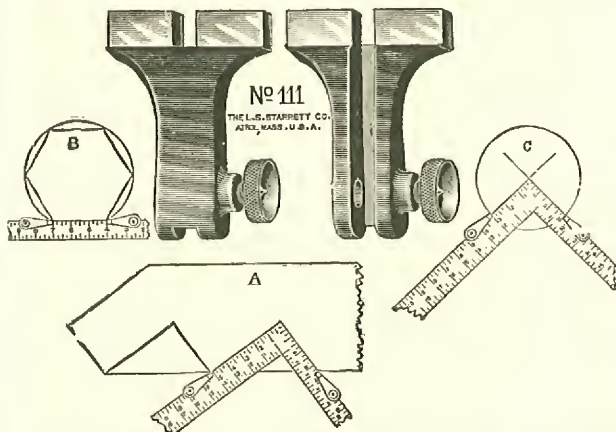
Stanley's No. 21. Head slides in slot in blade. No level in this square. Graduated in 8ths, 16ths and 32nds.

No. 21	6"	\$1.00
	9"	1.20
	12"	1.40



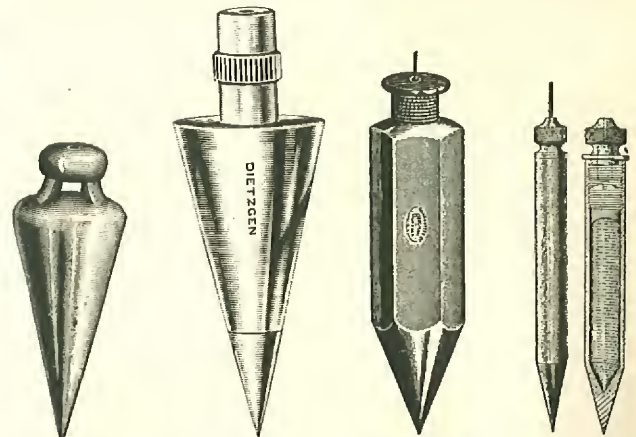
Goodell-Pratt's No. 807, Steel Blade and Aluminum Head, without level. Blade 1" wide and graduated in 8ths and 16ths. Head or beam is 43/4" long. Each \$1.60

## STARRETTS STAIR GAGE FIXTURES



No. 111. These fixtures can be readily clamped to a carpenter's steel square to form a gage for various uses as in stairs, valley cuts, hip and rafter work. Sketch A shows method of laying off stair stringer. Sketch B hexagon angles, and sketch C as a center gage. Price per pair \$1.00

## PLUMB BOBS



Nos. 12 & 15, 15700-1, 14, 16 & 18, No. 87

CAST IRON—Not turned, drilled eyes. Japanned

No.	3	5	7
Weight lbs.	1	1 1/2	2
Each	\$ .25	\$ .30	\$ .45

Nickel Plated, Polished

No.	11	2 1/2 N	12
Weight oz.	5	12	14
Each	\$ .30	\$ .40	\$ .50

COLD ROLLED HEXAGONAL STEEL—Accurate

Tempered point, special cord holding feature with 7 1/2 ft. of cord. Nickel plated.

No.	14	16	18
Weight oz.	4	6	8
Each	\$ .75	\$ .85	\$1.00

TURNED BRASS

Screw cap and screwed steel point.

Short Neck Style

No.	15700	15701
Weight oz.	6	8
Each	\$1.20	\$1.25

Long Neck Style

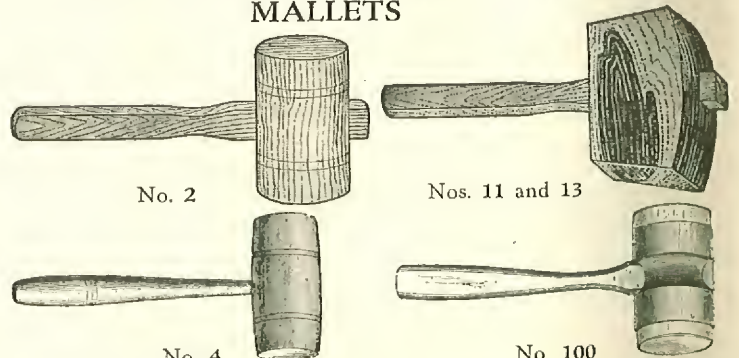
No.	15707	15708	15709	5710A
Weight oz.	6	8	10	16
Each	\$1.20	\$1.25	\$1.50	\$3.57

## STARRETTS IMPROVED MERCURY PLUMB BOBS

Made of solid steel, bored and filled with mercury. Braided silk line, adjustable without tying to any desired length. Nickel plated.

No. 87	Size	4x1/2"	5x5/8"	5 1/2 x 7/8"	6x1"
Weight oz.		3 1/2	6	12	16
Each		\$2.00	\$2.65	\$3.30	\$4.00

## MALLET



No. 2

Nos. 11 and 13

No. 4

No. 100

No.	Head	Each
2	Carpenters Hickory	5 1/2 x 3 1/2" \$ .90
11	Carpenters Lignum Vitae	6x2 1/2 x 3 1/2" 1.35
13	Carpenters Lignum Vitae	7x3x4" 2.00
4	Tinners Hardwood	5 1/2 x 2 1/4" .40
100	Metal Workers Rawhide	1 3/4" diam. 3.00



## NAIL HAMMERS



## GRIFFITH-GERMANTOWN

Bell Face, Adze Eye, Polished Curved Claw

No.	Size	Weight	Each
30	3	1/2 lb.	\$1.25
31	2	3/4 "	1.40
32	1 1/2	1 "	1.50
33	1	1 1/4 "	1.65



## GRIFFITH-GERMANTOWN

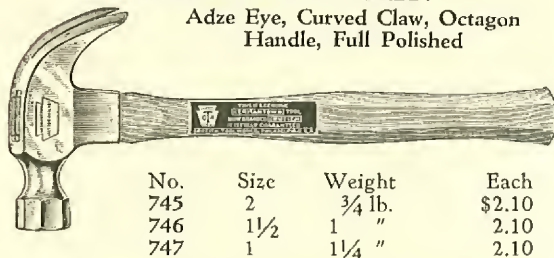
Bell Face, Adze Eye, Polished Straight Claw

No.	Size	Weight	Each
932	1 1/2	1 lb.	\$1.50
933	1	1 1/4 "	1.65

## GRIFFITH-GERMANTOWN

## "MASTER BUILDER"

Adze Eye, Curved Claw, Octagon Handle, Full Polished

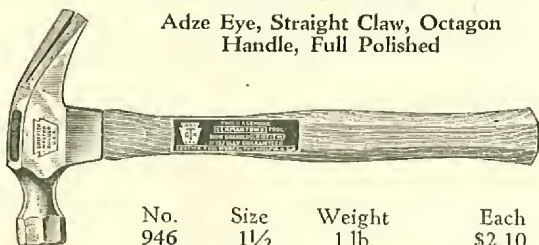


No.	Size	Weight	Each
745	2	3/4 lb.	\$2.10
746	1 1/2	1 "	2.10
747	1	1 1/4 "	2.10

## GRIFFITH-GERMANTOWN

## "MASTER BUILDER"

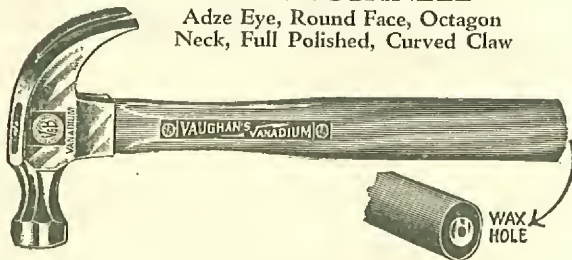
Adze Eye, Straight Claw, Octagon Handle, Full Polished



No.	Size	Weight	Each
946	1 1/2	1 lb.	\$2.10

## VAUGHN &amp; BUSHNELL

Adze Eye, Round Face, Octagon Neck, Full Polished, Curved Claw

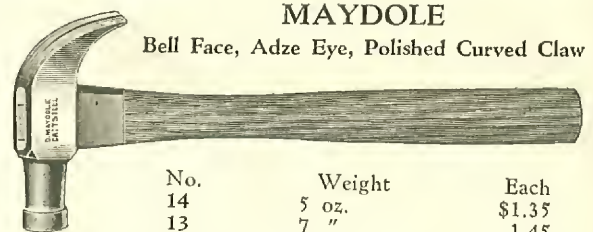


Made of Vanadium Steel  
Patented holder for wax for waxing  
nails to be driven into hardwood.

No.	Size	Weight	Each
41 1/2	1 1/2	1 lb.	\$2.10

Weights given do not include weight of handle.

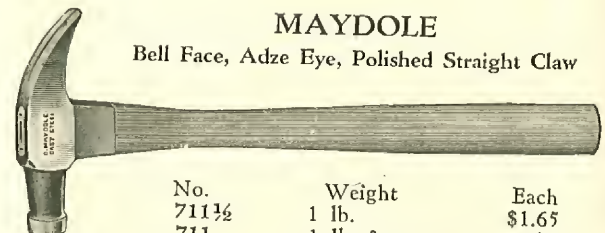
All packed six in a box.



## MAYDOLE

Bell Face, Adze Eye, Polished Curved Claw

No.	Weight	Each
14	5 oz.	\$1.35
13	7 "	1.45
12	12 "	1.50
11 1/2	1 lb.	1.60
11	1 lb. 3 oz.	1.65



## MAYDOLE

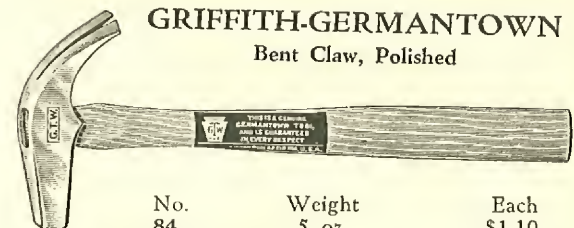
Bell Face, Adze Eye, Polished Straight Claw

No.	Weight	Each
711 1/2	1 lb.	\$1.65
711	1 lb. 3 oz.	1.75

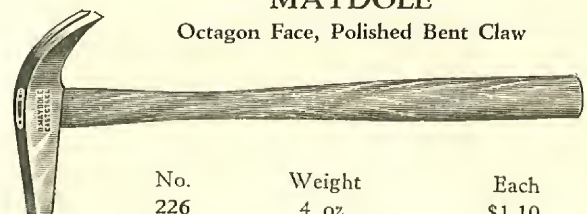
## BRAD HAMMERS

## GRIFFITH-GERMANTOWN

Bent Claw, Polished



No.	Weight	Each
84	5 oz.	\$1.10



## MAYDOLE

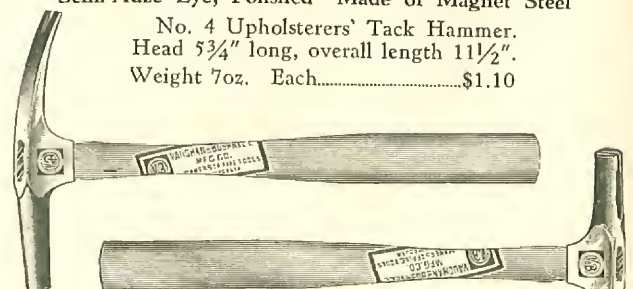
Octagon Face, Polished Bent Claw

No.	Weight	Each
226	4 oz.	\$1.10

## TACK HAMMERS

Semi-Adze Eye, Polished—Made of Magnet Steel

No. 4 Upholsterers' Tack Hammer.  
Head 5 3/4" long, overall length 11 1/2".  
Weight 7oz. Each.....\$1.10



No. 4

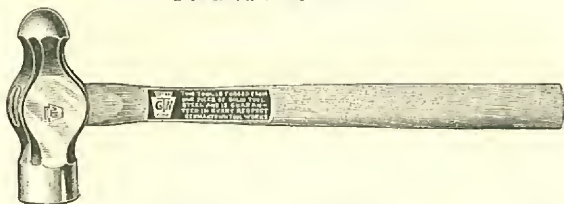
No. 5 Magnetic Split Head. Head  
4 3/4" long, overall length 11 1/2".  
Weight 6 oz. Each.....\$1.10

No. 5



### GRIFFITH-GERMANTOWN MACHINISTS BALL PEIN HAMMERS

Polished Pole and Pein



No.	Size	Weight	Each
155	6/0	2 1/2 oz.	\$1.10
156	5/0	4 "	1.10
157	4/0	6 "	1.15
158	3/0	8 "	1.15
159	2/0	12 "	1.15
160	0	1 lb.	1.25
161	1 "	1 1/4 "	1.25
162	2 "	1 1/2 "	1.25
163	3 "	1 3/4 "	1.45
164	4 "	2 "	1.50
166	6 "	2 1/2 "	1.75

Four in a box.

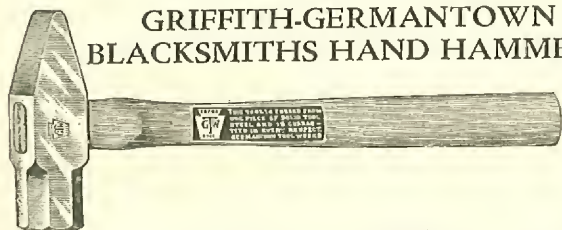
### MAYDOLE MACHINISTS BALL PEIN HAMMERS



No.	Oil Finish	Weight	Each
775	" "	13 oz.	\$1.25
774	" "	1 lb.	1.35
773	" "	1 1/4 "	1.35
772	" "	1 1/2 "	1.50
771	" "	1 7/8 "	1.60

Four in a box.

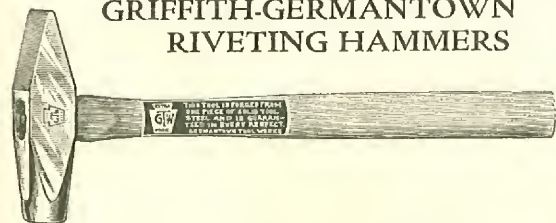
### GRIFFITH-GERMANTOWN BLACKSMITHS HAND HAMMERS



No.	Size	Weight	Each
100	Polished	0 1 lb. 10 oz.	\$1.40
101	"	1 2 " 0 "	1.45
102	"	2 2 " 10 "	1.55
103	"	3 3 " 0 "	1.65
104	"	4 3 " 8 "	1.75

Four in a box.

### GRIFFITH-GERMANTOWN RIVETING HAMMERS



No.	Size	Weight	Each
120	Polished	0 4 oz.	\$1.10
121	"	1 7 "	1.15
122	"	2 9 "	1.20
123	"	3 12 "	1.25
124	"	4 15 "	1.35

Six in a box.

### GRIFFITH-GERMANTOWN TINNERS PANEING HAMMERS

Chamfered, Polished



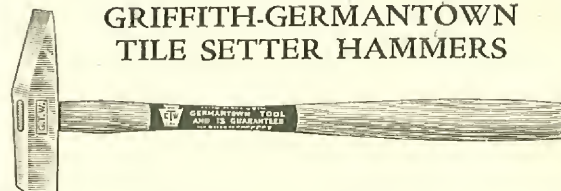
No.	Size	Weight	Each
133	3	1 lb.	\$1.50
133 1/2	Square	1 "	1.50

### GRIFFITH-GERMANTOWN TINNERS RIVETING HAMMERS



No.	Size	Polished Weight	Each
136	2	3/4 lb.	\$1.35
137	3	1 "	1.50

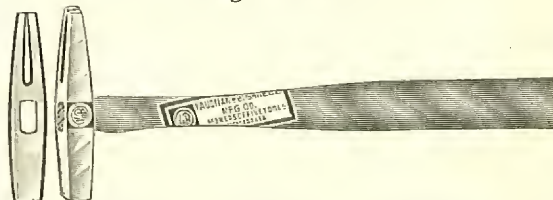
### GRIFFITH-GERMANTOWN TILE SETTER HAMMERS



No.	Size	Weight	Each
130	2	4 oz.	\$1.15

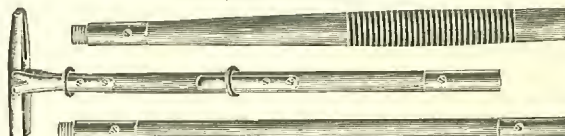
### BILL POSTERS HAMMERS

Magnetic Pattern



No.	Head	Handle	Weight	Each
45	3 1/2"	11 1/2"	4 oz.	\$1.15
55	4 "	11 1/2"	5 "	1.25
85	4 1/2"	11 1/2"	8 "	1.35

Six in a box.



No. 86 Extension Handle Bill Posters Hammers. Length extended 36", weight of head 8 oz. Length of head 4 1/2". Each \$3.00

Weights given do not include weight of handle.



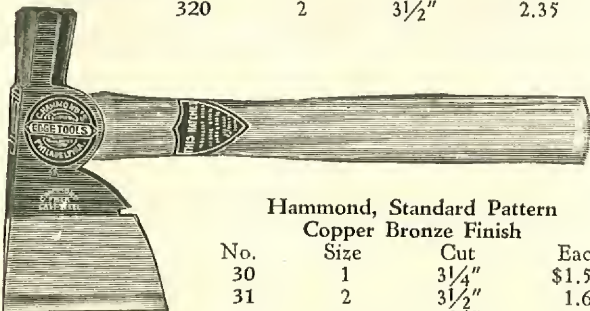
## HALF HATCHETS



Griffith-Germantown Standard Pattern, Olive Bronzed				
No.	Size	Cut	Each	
336	1	3 1/4"	\$1.50	
338	2	3 1/2"	1.65	
340	3	3 3/4"	1.75	

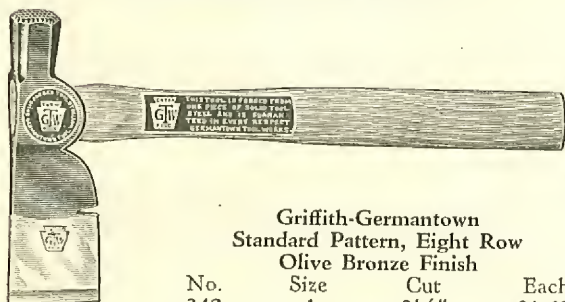


Griffith-Germantown "Master Builders," Full Polished				
No.	Size	Cut	Each	
319	1	3 1/4"	\$2.25	
320	2	3 1/2"	2.35	

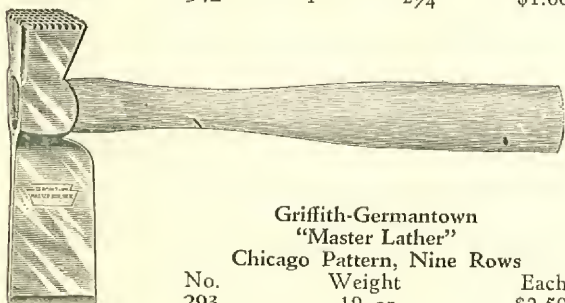


Hammond, Standard Pattern Copper Bronze Finish				
No.	Size	Cut	Each	
30	1	3 1/4"	\$1.50	
31	2	3 1/2"	1.60	
32	3	3 3/4"	1.65	
Full Polished Finish				
41	2	3 1/2"	2.00	
42	3	3 3/4"	2.00	

## LATHING HATCHETS

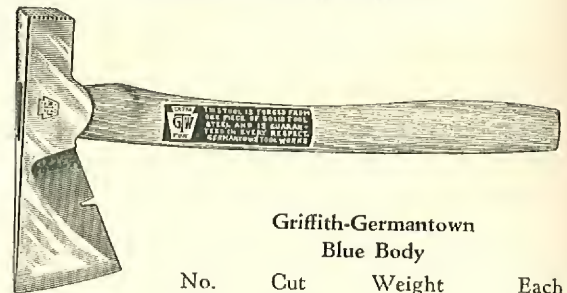


Griffith-Germantown Standard Pattern, Eight Row Olive Bronze Finish				
No.	Size	Cut	Each	
342	1	2 1/4"	\$1.60	

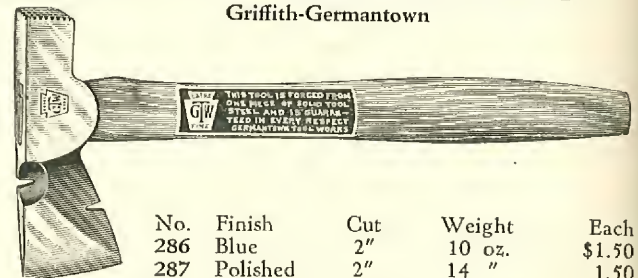


Griffith-Germantown "Master Lather" Chicago Pattern, Nine Rows				
No.	Weight	Each		
293	19 oz.	\$2.50		

## BARREL HATCHETS



Griffith-Germantown Blue Body				
No.	Cut	Weight	Each	
285	2 1/8"	14 oz.	\$1.50	

PRODUCE DEALERS HATCHETS  
Griffith-Germantown

No.	Finish	Cut	Weight	Each
286	Blue	2"	10 oz.	\$1.50
287	Polished	2"	14 "	1.50

Note:—No. 287 is New York Pattern, with one slot in heel and one slot in edge of blade.

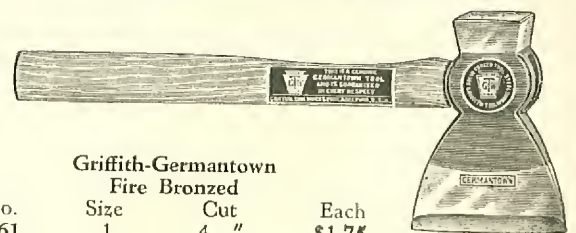
## COMMON

Forged Steel Half Hatchets, Handled  
For such rough work as cleaning mortar  
from old brick and wrecking building.

No.	Size	Each
0	2	\$ .70



## BROAD HATCHETS



Griffith-Germantown Fire Bronzed				
No.	Size	Cut	Each	
361	1	4 "	\$1.75	
362	2	4 1/2"	2.00	
363	3	5 "	2.25	
364	4	5 1/2"	2.50	

## BOY SCOUT AXE



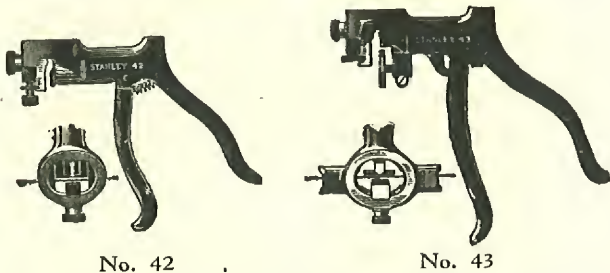
The Official Axe of Boy Scouts of America  
Weight 1 lb. 4 oz.

No. 680	Axe alone	Each.....\$1.65
No. 682	Axe with leather sheath	" ..... 2.00

All packed six in a box.



## STANLEY "PISTOL GRIP" SAW SETS



No. 42

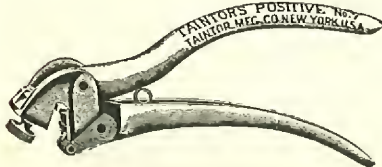
No. 43

The shape of the body and the handle enables the user to operate the tool with great ease, as the set is held in a comfortable and natural position. The saw is held firmly against the gauge while the tooth is being set. The saw teeth are in plain view, which enables the user to quickly adjust the tool to the tooth to be set.

The adjustable anvil is graduated so that the degree of set can be duplicated when desired.

No.	For	Weight	Each
42	Hand and Back Saws	1 lb.	\$2.40
43	Large Cross Cut Saws	1½ "	4.50

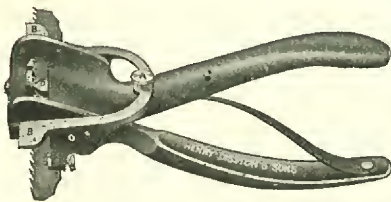
## TAINTOR POSITIVE SAW SET



For Hand Saws of all kinds.

No. 7. Each \$1.00

## DISSTON'S MONARCH SAW SETS

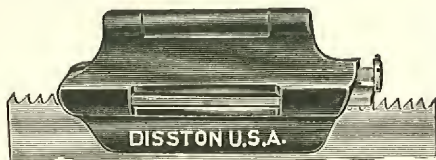


For hand saws, circular saws, cross cut saws and all small saws ¾" wide or wider.

No. 2 for hand saws. Each.....\$1.35

No. 20 for large X Cut Saws. Each.....\$2.75

## HAND SAW JOINTER



Especially adapted for Hand Saws and Narrow Band Saws. For bringing all teeth down to uniform length. This should be done before resetting or filing.

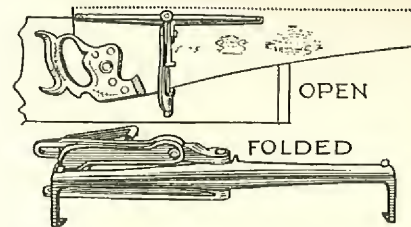
Price	Each.....	\$1.50
Extra Files	" .....	.20

## SAW SWAGES



No. 2	For small Circular and Mill Saws not heavier than 10 gauge.	Each.....	\$2.50
1	For large Circular Saws	" .....	3.00

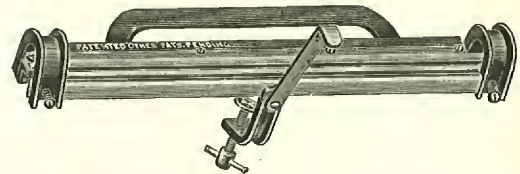
## THE GUNN SELF-FASTENING FOLDING SAW CLAMP



Made of Malleable Iron. It will instantly fasten itself to work bench, tool box, board or stick of timber without use of screws or nails, yet stands firmly.

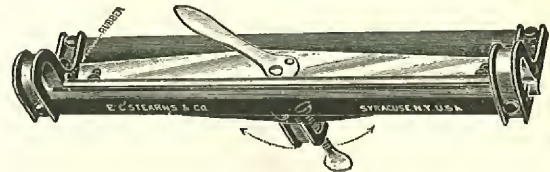
It is half the length of a rip saw. Weighs only 3 pounds and takes up no more space than a hatchet. Each.....\$2.00

## DIKEMAN'S IMPROVED SAW VISE



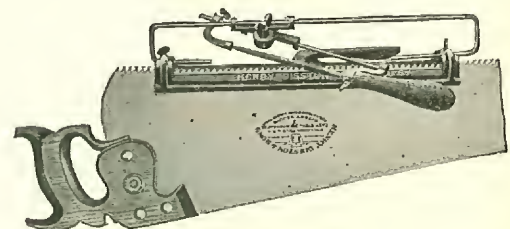
No. 77 All Steel Folding Vise, very compact. Rubber faced jaw prevents vibration. Attached with thumb screw clamp. Jaw 11⅝", Japanned Finish. Each.....\$2.00

## STEARNS FOLDING SAW VISE



No. 500 All Steel Japanned Finish. The back jaw is faced with rubber. The lever is entirely out of the way. Attached with thumb screw. Length over all 12", width 2¾". Length of jaws 10½". Each.....\$2.00

## DISSTON SAW FILING GUIDE WITH CLAMP



No. D5 Especially designed to assist those not skilled in the art of saw filing to file a saw correctly.

The use of this tool insures the filing of the saw teeth at the correct angle, and with uniformity as to bevel and depth. Jaw 12" long, weight 5 lbs., very compact.

To use select a tooth of correct shape and let file down into it, tighten set screw and file a tooth to see if shape suits; if not, turn file a little to right or left and try another tooth until proper shape is obtained, and file every other tooth; then reverse the saw and file the other teeth.

No. D5 Guide and Clamp with file. Each.....\$4.25



## DISSTON SAWS



No. D8 the original Skew Back Saw and probably the best known saw in the whole field. Warranted, refined crucible steel. Patent Ground and Tempered. Apple wood handle. Full polished.

26" Hand Saw in 6 to 11 points, each.....\$4.00  
26" Rip Saw in 5, 5½ and 6 points, each..... 4.00



No. D115 the latest and finest Disston Hand Saw. Warranted extra refined London Spring Steel. Patent Ground and Tempered. Skew Back. Carved Rosewood Handle and Nickeled Screws.

26" Hand Saw in 6 to 11 points, each.....\$6.50  
26" Rip Saw in 5, 5½ and 6 points, each..... 6.50



No. D15 Straight Back, otherwise same as No. D115 described above.

26" Hand Saw in 6 to 11 points, each.....\$6.50  
26" Rip Saw in 5, 5½ and 6 points, each..... 6.50



No. D23 Straight Back, warranted, refined Crucible Steel. Patent Ground and Tempered. Polished blade. Carved Apple Wood Handle. The 26" blade is 6¼" wide at heel and 1⅝" wide at point.

26" Hand Saw in 6 to 11 points, each.....\$4.50  
20" Hand Saw in 8 to 11 points, each..... 3.50  
22" Hand Saw in 8 to 11 points, each..... 3.85  
24" Hand Saw in 8 to 11 points, each..... 4.20  
26" Rip Saw in 5, 5½ and 6 points, each..... 4.50



No. 16 Straight Back, warranted, refined Crucible Steel. Grained blade. Close-up Apple Wood Handle.

26" Hand Saw in 6 to 11 points, each.....\$4.00  
20" Hand Saw in 8 to 11 points, each..... 3.25  
22" Hand Saw in 8 to 11 points, each..... 3.50  
24" Hand Saw in 8 to 11 points, each..... 3.75  
26" Rip Saw in 5, 5½ and 6 points, each..... 4.00

## DISSTON SAWS



No. 12 Straight Back. Warranted extra refined spring steel. Selected and highly polished blade. Carved Apple Wood Handle.

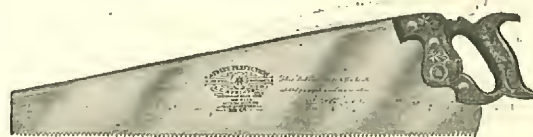
26" Hand Saw in 6 to 11 points, each.....\$5.00  
20" Hand Saw in 8 to 11 points, each..... 4.00  
22" Hand Saw in 8 to 11 points, each..... 4.35  
24" Hand Saw in 8 to 11 points, each..... 4.70  
26" Rip Saw in 5, 5½ and 6 points, each..... 5.00



No. 12S Straight Back, Narrow Point. In other respects same as No. 12 described above.

26" Hand Saw in 6 to 11 points, each.....\$5.00  
26" Rip Saw in 5, 5½ and 6 points, each..... 5.00

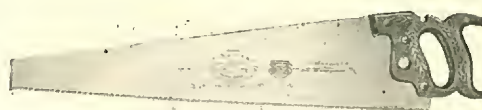
## ATKINS SILVER STEEL SAWS



No. 65 Straight Back. Blade taper ground. Special tempered and Damaskeen Finish. Perfection Apple Wood Handle, Nickel Screws.

26" Hand Saw in 7 to 11 points, each.....\$4.50  
26" Rip Saw in 5, 5½ and 6 Points, each..... 4.50

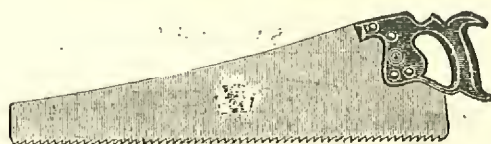
## SIMONDS BLUE RIBBON SAWS



No. 371 Straight Back, Narrow, Ground with four gauges taper from the edge to the back and from toe to heel. Made of Simonds own make of saw steel. Carved Apple Wood Handle.

26" Hand Saw in 7 to 11 points, each.....\$5.00  
26" Rip Saw in 5, 5½ and 6 points, each..... 5.00

## COMMON HAND SAW



No. 1SP Skew Back, Polished Blade, Beech Handle. Suitable for rough work. 26" Hand Saw in 7 and 8 point.

Each .....\$2.00

Four saws in a box.



## DISSTON BACK SAWS



No. 4 Best Grade. Made of Crucible Steel, Polished Blade, Blued Back, Apple Wood Handle, 11 points.

Length	12"	14"	16"
Each	\$3.00	\$3.35	\$3.70
Size	20x4"	24x4"	28x5"
Each	\$4.50	\$5.35	\$5.75
			\$6.75
			\$8.35

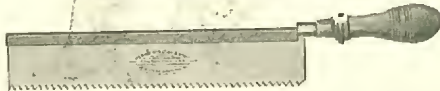
## DAVIS BACK SAWS

No. 0 Medium Grade, Cast Steel, Polished Blade, Blued Back, Beech Handle, 10" to 12" have open handle, 12 points.

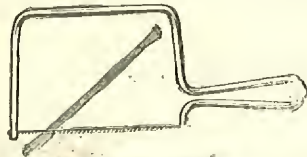
Length	10"	12"	14"
Each	\$1.50	\$1.75	\$2.00

Four in a box.

## DOVETAIL SAWS



No. 68 Polished Handle, Steel Back, Brass Plated. Extra quality Spring Steel blade, 1 1/2" wide under back, 26 gauge, 17 points. 8" long. Each.....\$1.50

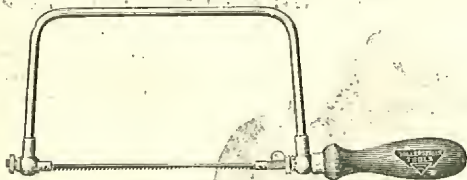


## COPING SAWS

No. 44. Frame of wire rod, nickel plated. Frame 4" deep, blade 6" long with bent ends.

Saw complete with 12 extra blades, each.....\$3.55  
Extra blades, 12 in a bundle, per bundle.....\$1.15

No. 10 Nickel Plated Steel Frame, 3/8" wide by 1 1/8" thick. Hardwood handle with threaded handle, frame 4 1/2" deep by 6 1/2" long inside. Blade adjustable to different angles. Frame with one blade, each.....\$3.85  
Extra blades, each......05



No. 42 the most improved Coping Saw. Ball Bearing permits free action and alignment of blade. A circle can be cut out without stopping to adjust blade. Blade can be locked in four positions. Frame 4" deep.  
Frame with 3 blades, each.....\$1.55  
Extra Pin Pattern Blades, each......04

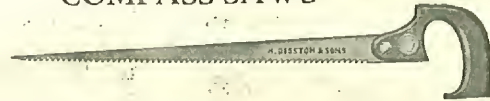
Six Coping Saws in a box.

## KEYHOLE SAW



No. 5 Keyhole Saw with iron pad handle, each.....\$4.5  
Six in a box.

## COMPASS SAWS



No. 2 Crucible Steel Blade, Apple Wood Handle.  
Length Blade ..... 12" ..... 14"  
Each ..... \$0.85 ..... \$0.90

Six in a box.

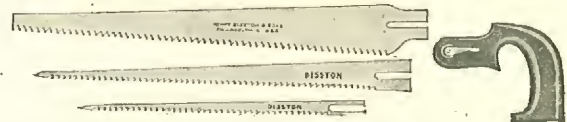
## INTERCHANGEABLE COMPASS SAWS



No. 4 Beech Handle, with 12" Crucible Steel Blade...  
Each ..... \$0.90  
Extra Blades ..... 10" ..... 12" ..... 14" ..... 16"  
Each ..... \$0.45 ..... \$0.50 ..... \$0.55 ..... \$0.65

Three saws in a box.

## NESTS OF SAWS



Beech Handle with three Crucible Steel Blades.  
Set No. Blade Assortment Per Set  
3 10" keyhole 14" Compass 16" Pruning \$2.50  
7 10" keyhole 14" Compass 16" Compass 2.25  
60 10" keyhole 14" Compass 18" Plumbers 2.75

Three sets in a box.

## PLUMBERS SAW



No. 10, Cherry Handle, adjustable to various positions. For cutting through flooring, joists and walls. Specially designed and tempered to cut through nails or pipe when encountered.

20" Blade with handle, each.....\$3.50

Six in a box.

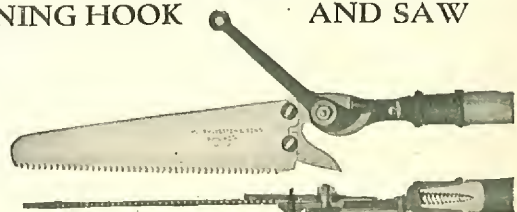
## FLOORING SAWS



No. D19, Cherry Handle, adjustable to various positions also reversible. Will cut out section of floor or ceiling without boring hole to start.

18" Blade with Handle, each.....\$4.00

## LITTLE GIANT PRUNING HOOK AND SAW



Saw blade is 12" long and is detachable by loosening clamp screws. Hook will take in a branch 3/4" in diameter. Without pole, each.....\$2.75



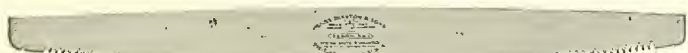
## DISSTON CROSS-CUT SAWS



No. 1 Champion Tooth, four gauges thinner on the back than on tooth edge.  
 Length, feet ..... 5      5½      6  
 Each, without handles.....\$6.25      \$7.00      \$7.75

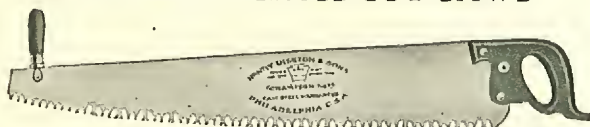


No. 286, Narrow Triumph Champion Pattern. Width at center, all lengths 3¼".  
 Length, feet..... 5      5½      6  
 Each, without handles.....\$3.65      \$4.00      \$4.35



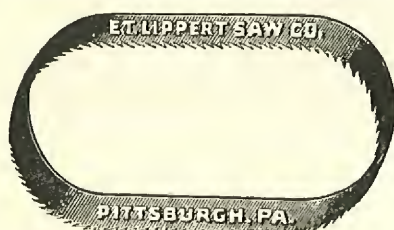
No. 10 Tenon Tooth (Disstons No. 1) Four gauges thinner on the back than on the tooth edge.  
 Length, feet ..... 4      4½      5  
 Each, without handles.....\$5.00      \$5.50      \$6.00

## ONE MAN CROSS-CUT SAWS



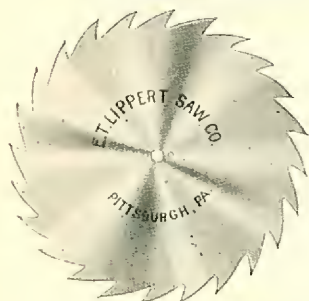
No. 2 Champion Tooth. With two handles as shown.  
 Length, feet ..... 3      3½      4  
 Width at butt, inches.....7¼      7½      7¾  
 Each .....\$5.25      \$6.00      \$6.75

## ENDLESS BAND SAWS



Width, inches.....⅛-¼      ⅜-¾      1/2      ¾      1      1½      2      2½      3      3½      4  
 Price Perft.....\$16      \$18      \$20      \$24      \$28      \$32      \$36      \$40      \$44      \$48      \$52  
 Setting, Filing and Joining per saw as follows:  
 Widths.....⅛ to 1/2"—\$1.25      ¾ to 1"—\$1.50

## SOLID TOOTH CIRCULAR SAWS

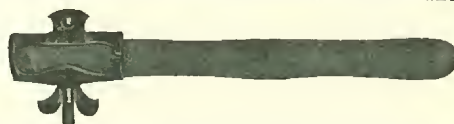


Diam. Inches	Thickness Gauge	List Each
4	19	\$ 2.20
5	19	2.60
6	18	3.10
7	18	3.70
8	18	4.40
9	17	5.50
10	16	6.60
12	15	8.30
14	15	10.00
16	14	12.00
18	13	15.00
20	13	18.00
22	12	22.00
24	11	26.00

In ordering Circular Saws give the following:

Diameter, size of mandrel hole, number of teeth to the saw. Gauge of saw at rim and at center. Kind of work intended for.

## CROSS-CUT SAWS HANDLES



No. 102½ Climax Reversible, 13½" long, 1⅜" diameter at thickest part. Malleable iron bolt and nut. Per pair.....\$6.5



No. 108 Loop handle, 10⅜" long from top of handle to bottom of washer, 1⅜" diameter at thickest part. All fittings malleable iron. Per pair.....\$6.00

## HAND SAW HANDLES



For 26" Blades

No. 66 Beech Wood, Slit only, each.....\$ .40  
 D8 Apple Wood, Bored and slit, each.....\$ 1.00  
 12 Apple Wood, Bored and slit, each.....1.25

## HAND SAW SCREWS



No. 1

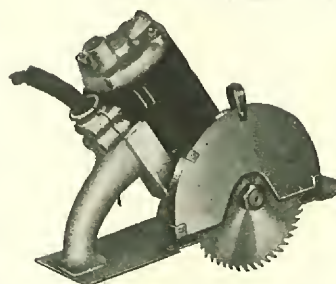
No. 2

Nos. 3 and 4

No. 1 Centenial (Brass Screws), each.....\$ .07  
 2 Centenial (Brass Screws), each......08  
 3 Centenial (Brass Screws), large, each......10  
 4 Centenial (Brass Screws), large, each......12

Twelve in a box.

## PORTABLE ELECTRIC SAW



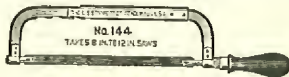
No. 177 Speed Way portable electric saw. For ripping or cross cutting on the job. The weight of the saw coupled with its balance makes it a one hand saw. It weighs 15 pounds. Suitable for carpenters, contractors and the shipping room. Cuts lumber, bone, bakelite, compo board, wall board, celotex and many other materials. Saves time and cuts costs.

Motor brushes and commutator are exposed by the removal of one screw. Trigger switch is in handle. Dust shield on guard removed without the use of any tools. Saw blade changed by removal of one nut. 6" diameter saw is furnished, but a 7" saw can be used. Equipped with quick make and break trigger switch, dust shield, 8 ft. extra tough rubber lead cord and split plug. Cuts 1¾" deep, speed 3600 R. P. M. Operates from any electric light socket.

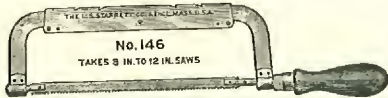
Price 110 volt model, each.....\$ 95.00  
 Price 220 volt model, each.....100.00



## HACK SAW FRAMES



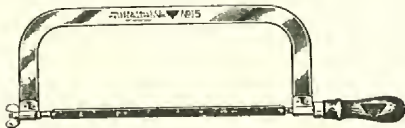
No. 144 Starrett, Adjustable for saws from 8 to 12 inch. Can be set to cut in any one of four directions and is tightened by turning the handle. Dull Nickel Plated.  
Price with one blade. Each.....\$1.00



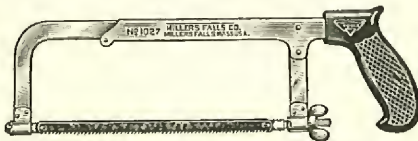
No. 146 Starrett, Adjustable for saws from 8 to 12 inch. A heavy rigid frame that will not give or tremble. Can be set to cut in any one of four directions, and is tightened by turning the handle. Polished Nickel Plated.  
Price with one blade. Each.....\$1.50



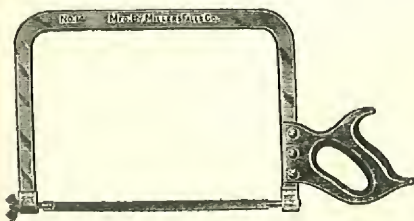
No. 145 Starrett, Adjustable for saws from 8 to 12 inch. Spring plungers overlap the ends of the blade and hold it in position while tightening—a great convenience. Improved nut in handle. Handle turns to tighten blade. Blade can be set at any desired angle. Back frames securely held by spring pawls. Nickel Plated.  
Price with one blade. Each.....\$1.75



No. 515 Millers Falls. Very heavy rigid frame for 12" blade. Blade can be set in four directions. Frame made of 1x1/4" stock. Depth 5 1/4". Nickel Plated.  
Price with one 12" blade. Each.....\$2.25

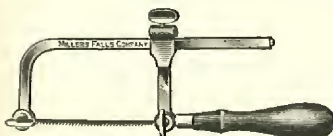


No. 1027 Millers Falls. One piece handle and back with composition pistol grip. Ample space for the largest hand. Tightening nut out of the way. Blades faceable in four directions. Adjustable for saws from 8" to 12". Frames 3 1/4" deep. Nickel Plated.  
Price with one 10" saw. Each.....\$2.00



**RAIL SAW**  
No. 24 Millers Falls. Deep heavy frame for sawing rails and beams. Frame made of 1x1/4" stock, black enameled. For 12" blade. Depth 10 1/4". Price with one blade. Each.....\$2.70

## JEWELERS SAW FRAME



No. 379 Millers Falls. Frame Nickel Plated. Forged spring steel, with Cocobolo handle. Adjustable from 4 to 6 inches. Frame 3" deep. Adjustment by means of thumb screw.  
Price with one 5" blade. Each.....\$1.45  
Extra Blades, per bundle of 12......25

## HACK SAW BLADES



Simonds Hard Edge Blade reduces to a minimum the breaking out of teeth or the breaking apart of the blade. They cut with less resistance and outwear other makes. Blades 1/2" wide. Furnished in 18 or 24 teeth to the inch. Use the 18-tooth blade for cutting tool steel, iron pipe, hard metal and light steel angles. Use the 24-tooth blade for cutting brass, copper, drill rod, tubing and sheet metals.

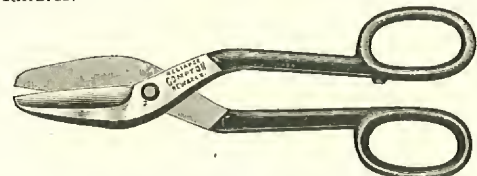
Simonds Hard Edge Hack Saw Blades. Specify whether 18 or 24 teeth.  
Length, inches..... 8                      9                      10                      12  
Per bundle of 12.....\$1.75                      \$.85                      \$.95                      \$1.10

## STAR HACK SAW BLADES

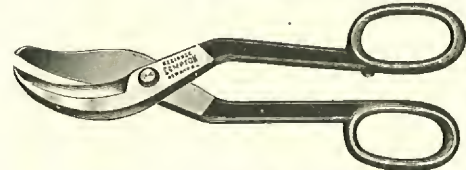
Specify whether 18 or 24 teeth.  
Length, inches..... 8                      9                      10                      12  
Per bundle of 12.....\$1.75                      \$.85                      \$.95                      \$1.10  
Six bundles of twelve in a box.

## COMPTONS TINNERS SNIPS

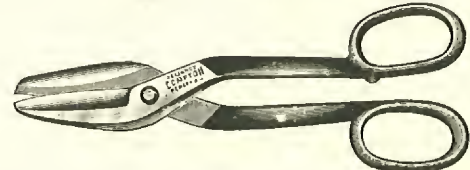
Drop forged tool steel. Laid Blades, Polished Blades, Blue Finish Handles.



"Reliance" Regular Straight Snip  
No. .... 12                      11                      10                      9                      8                      7                      6 1/2  
Length in..... 8                      9                      11                      12                      13                      14                      15 1/2  
Cut in..... 2                      2 1/4                      2 1/2                      3                      3 1/2                      4                      4 1/2  
Each .....\$1.40                      \$1.65                      \$2.25                      \$2.40                      \$2.75                      \$3.50                      \$4.00

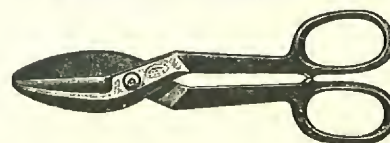


"Reliance" Circular Blade Snip  
No. .... 10CB                      9CB                      8CB                      7CB  
Length in..... 11                      12                      13                      14  
Cut in..... 2 1/2                      3                      3 1/2                      4  
Each .....\$3.45                      \$3.75                      \$4.00                      \$4.85



"Reliance" Handy or Combination Snip for making straight or curved cuts.  
No. .... 19                      18                      17  
Length in..... 12                      13                      14  
Cut in..... 3                      3 1/2                      4  
Each .....\$2.85                      \$3.10                      \$3.75

## DROP FORGED MECHANICS SNIPS



No..... 2                      2 3/4                      3 1/4  
L'gth 7" 10 " 12 "  
Cut.... 2" 2 3/4" 3 1/4"  
Ea. \$1.00 \$1.25 \$1.50



## STANLEY IRON PLANES

BLOCK PLANES.  
NON-ADJUSTABLE CUTTER PLANES

	No. 101	No. 102	No. 110	
	Japanned Iron, Ground Bottom			
No. 101	Length 3 1/2"	Cutter 1"		Each \$ .45
102	" 5 1/2"	" 1 3/8"		" .85
110	" 7"	" 1 5/8"		" 1.20

## ADJUSTABLE CUTTER PLANES



	No. 120	No. 220	
	Japanned Iron, Ground Sides and Bottom		
No. 120	Length 7"	Cutter 1 5/8"	Each \$1.65
220	" 7"	" 1 5/8"	Lever adjustment " 1.70

## BLOCK AND RABBIT PLANE



No. 140	Length 7"	Cutter 1 3/4"	Each \$3.00
---------	-----------	---------------	-------------

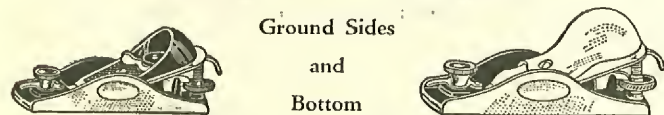
A detachable side changes it from a block to a rabbit plane. Cutter is set on the skew and is adjustable endwise. Japanned, Ground Sides and Bottom.

## DOUBLE END BLOCK AND BULL NOSE PLANES



	No. 130	No. 131	
	Japanned, Ground Sides and Bottom. A combination block and bull nose plane, with two cutter slots. No. 131 has adjustable cutter, and finger-holds ground in the side.		
No. 130	Length 8"	Cutter 1 5/8"	Each \$1.70
131	" 8"	" 1 5/8"	Non-Adjustable " 2.80

## "BAILEY" BLOCK PLANES



Nos. 9 1/2 and 16 Regular Angle Cutters. Cutters adjustable endwise and sidewise. Adjustable throats.

No.	Length	Cutter	Finish	Each
9 1/2	6"	1 5/8"	Japanned	\$2.30
16	6"	1 5/8"	Nickel Plated	2.60
*18	6"	1 5/8"	" "	3.00
*19	7"	1 5/8"	" "	3.20

\*Unbreakable "Knuckle Joint" Cap.



Nos. 61 and 63 Low Angle Cutters. Cutters adjustable endwise by means of adjusting wheel at rear. No. 65 has adjustable throat and unbreakable "Knuckle Joint" Cap.

No.	Length	Cutter	Finish	Each
61	6"	1 3/8"	Nickel Trim.	\$2.30
63	7"	1 5/8"	" "	2.75
65	7"	1 5/8"	" "	3.15

One plane in a box.

## EDGE TRIMMING PLANE



No. 95—6" long, 7/8" cutter, Japanned. Each.....\$1.90

For trimming the edges of boards for a square or close fit. The cutter works on a skew. Wood blocks of various bevells may be attached, enabling the user to make a slanting cut.

## BULL NOSE RABBIT PLANES



No. 75

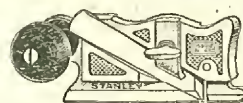


No. 90

No. 75—4" long, 1" cutter, Japanned Finish. Mouth can be adjusted by means of set screw on top. Each.....\$ .75

No. 90—For fine cabinet work where extreme accuracy is required. Both sides of the plane are machined square with bottom. It will lie flat on either side. Adjustable throat. Cutter adjustable endwise. No. 90 is 4" long and has 1" cutter. Full nickel plated. Each .....\$4.00

## SIDE RABBIT PLANE

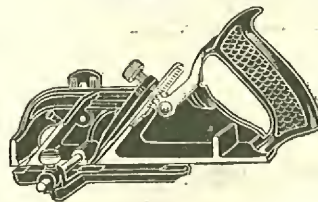


No. 98—4" long, 1/2" cutter. Right hand. Each.....\$2.20

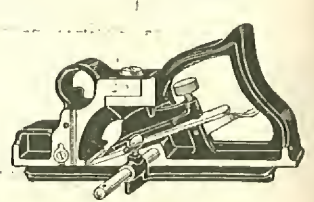
No. 99—4" long, 1/2" cutter. Left hand. Each.....2.20

For side rabbeting in trimming dados and mouldings. A reversible nose piece permits working up close into corners when necessary. Fitted with depth gauge. Nickel Plated.

## RABBIT AND FILLESTER PLANES



No. 78

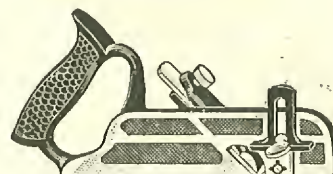


No. 278

No. 78 has one cutter seat for regular work and one seat for bull nose work. Also has a spur and a removable depth gauge. The adjustable fence can be used on either side and regulates the width of cut. The rear cutter is adjustable endwise. Length 8 1/2". 1 1/2" cutter. Japanned. Each.....\$3.30

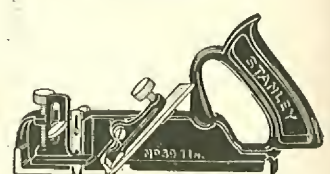
No. 278 will lie perfectly flat on either side. Has adjustable fence for regulating width of cut. It is fitted with two spurs and adjustable depth gauge. Front of plane can be detached for bull nose work. Cutter adjusts endwise. Length 6 3/4". 1" cutter. Japanned. Each.....\$3.20

## HANDLED RABBIT PLANE



Nos. 190, 191 and 192

## HANDLED DADO PLANE



No. 39

These planes will lie flat on either side and can be used right or left hand. Nos. 190 191 and 192 are fitted with spur and detachable depth gauge. Length 8 inches.

No. 190—Cutter 1 1/2" wide. Each.....\$2.95

191— " 1 1/4 " Each.....2.80

192— " 1 " " Each.....2.60

No. 39 Dado plane has skew cutter, adjustable depth gauge and two adjustable cutters.

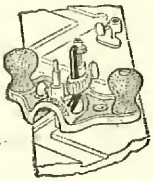
No. 39, in. 1/4 3/8 1/2 5/8 3/4 7/8 1

Each.....\$2.90 \$3.10 \$3.30 \$3.45 \$3.60 \$3.80 \$3.95

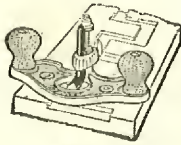


## STANLEY SPECIAL IRON PLANES

## ROUTER PLANES



No. 71



No. 71 1/2

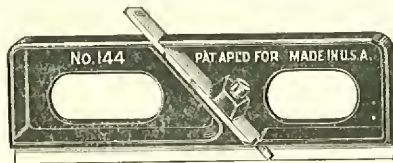
These planes are for surfacing the bottom of grooves or other depressions parallel to the general surface of the work. The bottoms are so designed that an extra wooden bottom of any size desired can be screwed on, enabling the user to use router on large openings.

Cutters are adjustable and can be held on the front of the cutter post for regular work or on the back for bull nose work. Length 7 1/2", nickel plated. With a 1/4 and 1/2" cutter and a patented smoothing cutter.

No. 71 has open throat and is supplied with an attachment for closing the throat for use on narrow surfaces and regulating depth of cut. Japanned. Each.....\$4.10

No. 71 1/2—Closed Throat. Each.....3.20

## CORNER ROUNDING PLANE



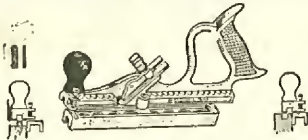
No. 144

This plane is designed for rounding corners on wall board battens, casings, shelving, etc. Made in three sizes to cut, 1/4, 3/8 and 1/2" circles. Specify which width of cutter is wanted.

No. 144—Length 7 1/2". Japanned. Each.....\$1.50

## SWINGING FENCE MATCHING PLANES

Nickel  
Plated

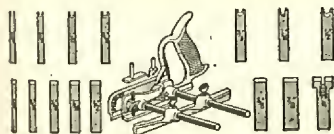


Nos. 48 and 49

These planes cut a tongue on the edge of one board to fit a groove in the edge of another. They have two plow cutters of the same width and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and when reversed leaves only one exposed for cutting the groove. On thicker boards than the plane works on center, the extra wide cutter is substituted for groove cutter when cutting tongue.

No.	Groove	For Boards	Centers on	Each
48	1/8"	3/4 to 1 1/4" thick	7/8"	\$5.30
49	1/8"	1/2 to 3/4" "	1/2"	5.30

## COMBINATION PLANE



No. 50

Plow and Dado.....	1/4	3/8	1/2	5/8	7/8 in.
Beading .....	1/8	1/4	3/8	1/2	1/2 in.
Tonguing .....	1/4 inch.				

No. 50 is 9 1/4" long, nickel plated. Priced with 15 cutters.....\$8.50

## STANLEY COMBINATION PLANES

No. 45

Combines seven planes in one.

- 1 A beading and center beading plane,
- 2 Plow,
- 3 Dado,
- 4 Rabbet and Fillester,
- 5 Match Plane,
- 6 Sash Plane,
- 7 Slitting Plane.

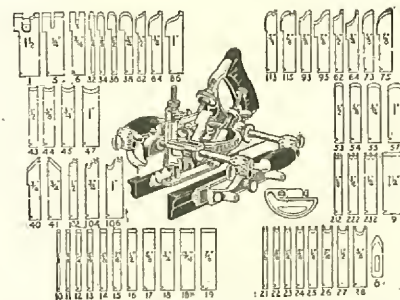
It has three principal parts, a Main Stock, a Sliding Section and a Fence or Gauge.

The Sliding Section slides on two arms secured in the Main Stock and provides a bearing for one edge of the various cutters, the other edge being carried by the Main Stock. The Fence which slides on these arms is used when working the plane as a Plow, Beader or Fillester, to gauge the distance from the cutter to edge of the board. Fence can be attached to either side of the plane. Two sets of arms are furnished, 4 1/4 and 8 1/4" long. The Spurs for working across the grain and which are attached to the two sections can be turned up out of the way.

Twenty-three cutters are furnished with each plane: 11 Plow and Dado, 7 Beading, 1 Fillester, 1 Sash, 2 Match and 1 Slitting. Twenty-three other cutters can be furnished in a set or singly.

All metal parts nickel plated. Knob and Fence made of selected rosewood.

No. 45, with twenty-three cutters. Each.....\$15.00  
Packed in a substantial box. Weight 9 1/2 lbs.



No. 55

"A Planing Mill within itself"

It will do all that the No. 45 will do, and in addition is a superior moulding plane, and will accommodate cutters of almost any size or shape. The Main Stock carries the cutter adjustment, a depth gauge, a slitting gauge and has a steel

bottom forming a bearing for one edge of the cutter. A sliding section with a steel bottom gives bearing for the other edge of the cutter. This bottom can be raised or lowered so as to take cutters with one edge higher or lower than the edge supported in the main stock.

The Main Fence has lateral adjustment for fine work. The second fence can be reversed for center beading wide boards. The fence can be used on either side of the plane and the rosewood guides can be tilted to any desired angle up to 45 degrees.

The plane is fitted with spurs for working across the grain and a special cam rest to keep the plane from sagging or rocking.

The regular equipment comprises 55 cutters, but 45 additional cutters can be furnished.

All metal parts are nickel plated. The handle and fences are selected rosewood.

No. 55, with 55 cutters. Each.....\$30.00

Packed in a substantial box. Weight 15 1/4 lbs.

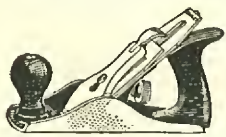
A special booklet covering the use of this tool will be sent on request.

Stanley tool catalogue sent on request.

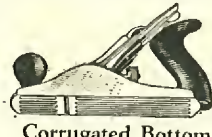
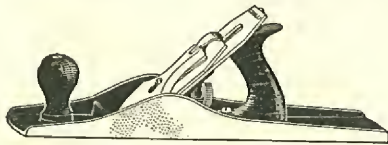


## STANLEY IRON AND ALUMINUM PLANES

## BAILEY ADJUSTABLE PLANES



Nos. 2, 3, 4 and 4A

Corrugated Bottom  
Nos. 2C, 3C and 4C

Nos. 5, 6, 7 and 8

Cutters made of the finest grade of tool steel. Cutters are adjustable endwise and sidewise. Adjustable mouth for coarse or fine work. Rosewood handles and knobs.

Note:—Sizes 4, 5 and 6 are now made in Aluminum. All sizes of the iron planes are made in both plain and corrugated bottom.

## Japanned Cast Iron—Plain Bottom

No.	Style	Length	Cutter	Each
2	Smooth	7"	1 5/8"	\$3.85
3	"	8"	1 3/4"	4.00
4	"	9"	2 "	4.40
5	Jack	14"	2 "	5.00
6	Fore	18"	2 3/8"	6.50
7	Jointer	22"	2 3/8"	7.40
8	"	24"	2 5/8"	8.85

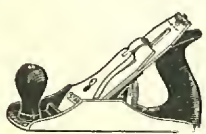
## Japanned Cast Iron—Corrugated Bottom

No.	Style	Length	Cutter	Each
2C	Smooth	7"	1 5/8"	\$4.05
3C	"	8"	1 3/4"	4.20
4C	"	9"	2 "	4.60
5C	Jack	14"	2 "	5.30
6C	Fore	18"	2 3/8"	6.80
7C	Jointer	22"	2 3/8"	7.80
8C	"	24"	2 5/8"	9.30

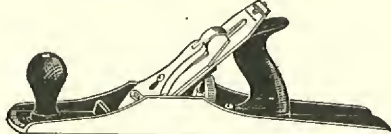
## Cast Aluminum—Plain Bottom

No.	Style	Length	Cutter	Each
A4	Smooth	9"	2 "	\$5.80
A5	Jack	14"	2 5/8"	6.60
A6	Fore	18"	3 1/2"	8.80

## BED ROCK ADJUSTABLE IRON PLANES



Nos. 602, 603 and 604



Nos. 605, 606, 607 and 608

All sizes, also furnished with corrugated bottom.

## Japanned Cast Iron

## PLAIN BOTTOM

No.	Style	Length	Cutter	Each
602	Smooth	7"	1 5/8"	\$4.25
603	"	8"	1 3/4"	4.40
604	"	9"	2 "	4.85
605	Jack	14"	2 "	5.55
606	Fore	18"	2 3/8"	7.10
607	Jointer	22"	2 3/8"	8.15
608	"	24"	2 5/8"	9.70

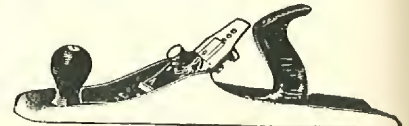
## CORRUGATED BOTTOM

No.	Style	Length	Cutter	Each
603C	Smooth	8"	1 3/4"	\$4.65
604C	"	9"	2 "	5.10
605C	Jack	14"	2 "	5.85
606C	Fore	18"	2 3/8"	7.50
607C	Jointer	22"	2 3/8"	8.55
608C	"	24"	2 5/8"	10.20

## GAGE SELF SETTING PLANES



Nos. G3 and G4



Nos. G5, G6 and G7

All sizes also furnished with corrugated bottom. See Gage Wood Bottom Planes, Page 289.

Japanned Cast Iron  
PLAIN BOTTOM

No.	Style	Length	Cutter	Each
G3	Smooth	8 3/4"	1 3/4"	\$4.25
G4	"	9 "	2 "	4.60
G5	Jack	14 "	2 "	5.30
G6	Fore	18 "	2 1/4"	6.80
G7	Jointer	22 "	2 1/2"	7.80

## CORRUGATED BOTTOM

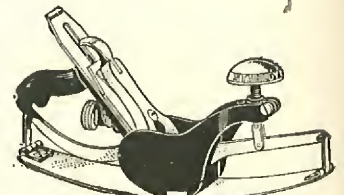
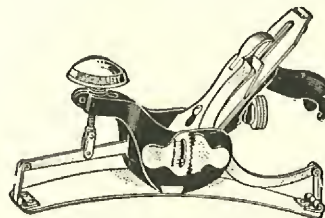
No.	Style	Length	Cutter	Each
G3C	Smooth	8 3/4"	1 3/4"	\$4.45
G4C	"	9 "	2 "	4.85
G5C	Jack	15 "	2 1/4"	5.55
G6C	Fore	18 "	2 1/4"	7.15
G7C	Jointer	22 "	2 1/2"	8.15

## SCRUB PLANE—JAPANNED



No. 40—For planing down to a rough dimension any board where it is not desired to rip with a saw. This is made possible by reason of the shape of the extra heavy cutter, the cutting edge of which is round instead of square. Length 9 1/2", cutter 1 1/8" with Beech Knob and Handle. Each.....\$2.45

## CIRCULAR PLANES

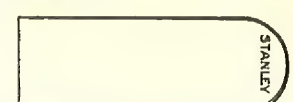


No. 113—Has flexible steel face which can be bent to plane the inside or outside of circles, and can be bent to different degrees of curvature. Length 10", cutter 1 3/4" wide and adjustable. Each.....\$7.45

## PLANE IRONS



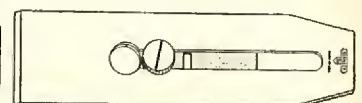
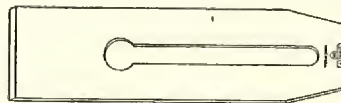
ADJUSTABLE



NON-ADJUSTABLE

## For Stanley Block Planes

Width	Adjustable	Each	
1 3/8"	Adjustable	Each	\$ .45
1 5/8"	Non-Adjustable	Each	.30
1 5/8"	Adjustable	Each	.45
1 3/4"	Adjustable Skew Cut	Each	.50



## SINGLE

## DOUBLE

## For "Bed Rock" and "Bailey" Iron and Wood Planes

Width, Inches	1 5/8"	1 3/4"	2 "	2 3/8"	2 5/8"
Single, Each	\$ .55	\$ .60	\$ .65	\$ .80	\$ .90
Double, "	.90	1.00	1.10	1.25	1.30

## For Gage Iron and Wood Planes

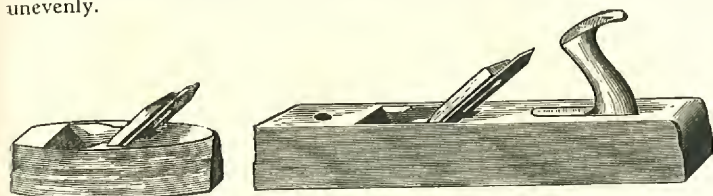
Width Inches	1 3/4"	2 "	2 1/4"	2 1/2"
Bit only	\$ .60	\$ .60	\$ .70	\$ .80

Stanley tool catalogue sent on request.



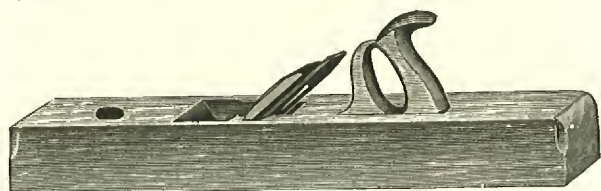
## SANDUSKY WOOD PLANES

These planes are made of selected second growth Ohio White Beech sawed radially out of the tough sap wood of the log. They are far superior to the comparatively soft European White Beech from which foreign planes are made. These planes will not warp or wear down unevenly.



No. 3

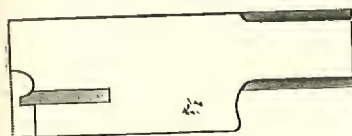
No. 13



No. 19

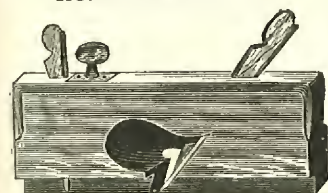
Polished Lignum Vitae Starts				
No.	Type	Length	Cutter	Each
3	Smooth	8"	2" Double	\$2.00
13	Jack	16"	2 1/4" "	2.30
19	Fore	22"	2 3/8" "	3.80

## WOOD SIDE BEAD PLANES



Cross Section of No. 47

No. 47 Single Boxed Side Bead Planes			
1/4" Cutter	"	"	Each
1/8"	"	"	1.70
3/8"	"	"	1.70
1/2"	"	"	1.70



## WOOD DADO PLANES

With Brass Side Stop

No. 60

1/4" Cutter	"	"	Each
3/8"	"	"	3.20
1/2"	"	"	3.20

## WOOD NOSING PLANES

With one iron

No. 111

3/4" Cutter	"	"	Each
7/8"	"	"	2.50
1"	"	"	2.50
1 1/8"	"	"	2.50
1 1/4"	"	"	2.50

## WOOD RABBIT PLANES

Skew Rabbit Plane

No. 146

1/2" Cutter	"	"	Each
3/4"	"	"	1.40
1"	"	"	1.40
1 1/4"	"	"	1.50

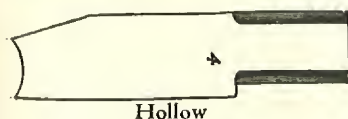
## HOLLOW AND ROUND WOOD PLANES

Price is for Hollow or Round.

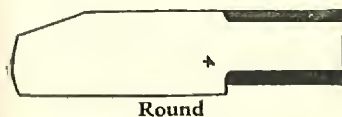
No. 92

Width and Radius

Size	of Cutter	Each
1	1/4"	\$1.60
2	3/8"	1.60
3	1/2"	1.60
4	5/8"	1.60
5	3/4"	1.60
6	7/8"	1.60



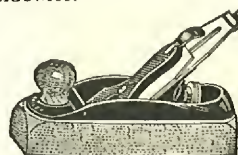
Hollow



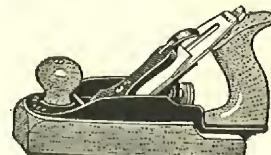
Round

## "BAILEY" ADJUSTABLE WOOD PLANES

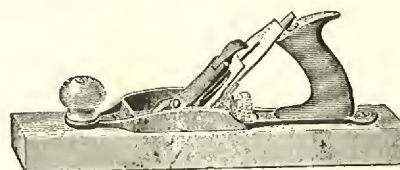
The bottoms, handles and knobs are made from selected well seasoned beech. The cutters are adjustable endwise and sidewise.



No. 24



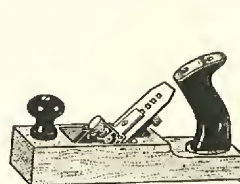
No. 35



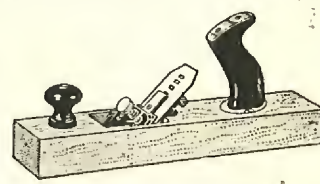
Nos. 26 and 28

No.	Type	Length	Cutter	Each
24	Smooth	9"	2"	\$3.60
35	Handled Smooth	9"	2"	4.20
26	Jack	15"	2 1/4"	4.30
28	Fore	18"	2 3/8"	4.70

## GAGE SELF SETTING WOOD PLANES



No. G35



Nos. G26 and G28

The relation of the edge of the steel cap to the edge of the iron is automatically adjusted when setting the plane for fine or coarse work.

The plane iron and cap go back in the same position after being removed for honing.

There is no chatter because the cutter is held rigid at the cutting edge.

No.	Type	Length	Cutter	Each
G35	Smooth	10"	2"	\$4.80
G26	Jack	14"	2"	5.25
G28	Fore	18"	2 1/4"	6.00

## PLANE IRONS

FOR

## SANDUSKY WOOD PLANES



Double Irons

Width, Inches	2	2 1/8	2 1/4	2 3/8
Each	\$1.05	\$1.10	\$1.20	\$1.30

Single Irons, Slotted or Solid

Width, Inches	2	2 1/8	2 1/4	2 3/8
Each	\$ .80	\$ .85	\$ .90	\$1.00

Toothed Plane Irons

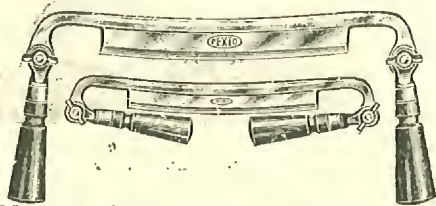
Width, Inches	2	2 1/8	2 1/4
Each	\$1.00	\$1.10	\$1.20



## DRAWING KNIVES

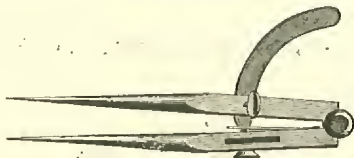


No. 15 Razor Blade  $1\frac{1}{2}$ " wide  
 Length of Blade in..... 6                      8                      10  
 Each .....\$1.50                      \$1.65                      \$1.80



No. 10 Folding Handles, Blade  $1\frac{1}{2}$ " wide  
 Length of Blade..... 9 in.  
 Each .....\$3.25

## DIVIDERS



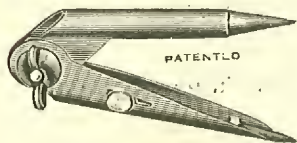
No. 35 Wing Dividers  
 Polished forged steel with brass joints.  
 No. 35..... 5"      6"      7"      8"      10"      12"  
 Each .....\$ .75    \$ .80    \$ .90    \$1.00    \$1.25    \$1.50  
*Six in a box.*



No. 9 Extension Dividers

Single leg, one movable point. Forged tempered and steel pointed. The movable leg can be extended as desired or a lead pencil may be substituted for it.

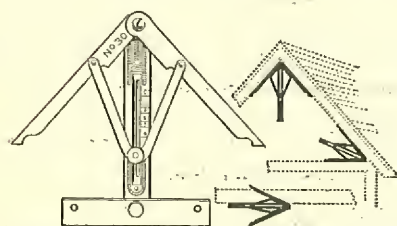
No. 9..... 6"                      7"  
 Each .....\$1.25                      \$1.50  
*Six in a box.*



## GEM SCRIBER

Has movable point in one leg and pencil is used in the other. Thumb nut tightener. Plain Steel. Each.....\$0.30

## STANLEY ANGLE DIVIDERS



included. No. 30,  $7\frac{1}{2}$ " long, nickel plated. Each.....\$2.20

A new tool, to lay out in one operation the cut bisecting an angle. The cut is marked from the center of the handle. Handle is graduated for laying out 4, 6 or 8 sided work. Removable "T" head is included.

## STANLEY SPOKE SHAVES



No. 151 Japanned Iron. Raised handle 10" long,  $2\frac{1}{8}$ " cutter. Cutter is quickly adjusted both endwise and side-wise by means of two screws. Each.....\$0.75



No. 152 Straight handle, otherwise same as No. 151 shown above. Each.....\$0.75



No. 53 Japanned Iron. Raised handle 10" long,  $2\frac{1}{8}$ " cutter. By means of a thumb screw the mouth may be opened or closed for coarse or fine work. Each.....\$0.70



No. 51 Double Iron. Japanned Iron raised handle 10" long,  $2\frac{1}{8}$ " cutter. Has a cutter and cap iron fastened by a thumb screw, bringing even pressure on cutting edge and at same time allows adjustment without screw driver. Each .....\$0.55



No. 60 Two cutters, one straight and one hollow. Japanned iron, straight handle 10" long,  $1\frac{1}{2}$ " cutter. Each .....\$0.75

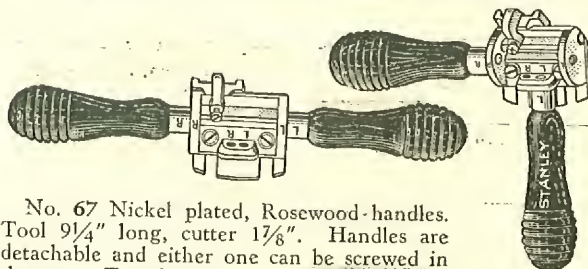


No. 63 Double Iron. Light weight Japanned iron, straight handles 9" long,  $1\frac{3}{4}$ " cutter. Convex bottom. Cutter and cap are fastened by a thumb screw. For light work. Each .....\$0.30



No. 84 Razor edge blade. Boxwood handle 11" long, 2" cutter. Blade is hollow, ground like a razor. Adjustable front which can be moved up or down. Cutter is also adjustable, permitting a narrow or wide opening of the mouth. Each .....\$1.40

## STANLEY UNIVERSAL BEADER



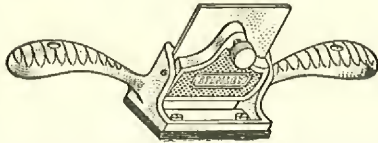
No. 67 Nickel plated, Rosewood-handles. Tool  $9\frac{1}{4}$ " long, cutter  $1\frac{7}{8}$ ". Handles are detachable and either one can be screwed in the top. Two bottoms are furnished, one straight and one curved. A movable width gauge allows tool-to-be used for rabbeting. Each.....\$2.05



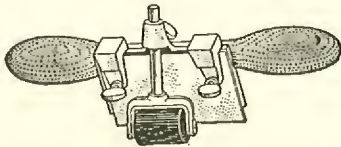
## STANLEY SCRAPERS



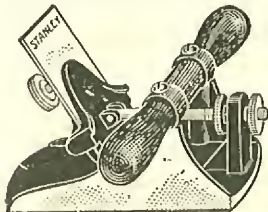
No. 80 Iron bottom, Japanned finish. The blade may be sprung to a slight curve by means of the thumb screw giving ease of operation and quickness of cut.  
Length 11", blade 2 3/4". Each.....\$1.45  
Extra blades, each......30



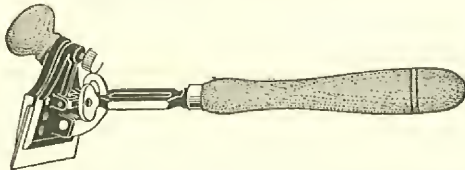
No. 81 Iron Nickel Plated with Rosewood bottom. Suitable for the finest cabinet work.  
Length 10", Blade 2 1/2", Each.....\$2.35  
Extra Rosewood bottoms, Each......50  
Extra blades, Each......30



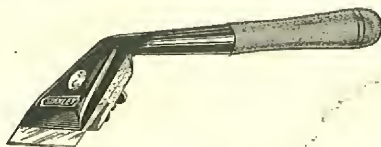
No. 83 This scraper has a roller, back of the blade which acts as a support to relieve the strain on the wrists of the workman. Handle is made of beech and can be detached for working in corners.  
Length 9 1/2", blade 3 7/8", nickeled. Each.....\$1.70  
Extra blades, Each......30



No. 12 Scraper Plane, rosewood handles across the center of the tool give it a good balance. Blades are adjustable endwise and for angle, and can be firmly locked in position. Can be used as a toothing plane. Japanned finish.  
Length 6 1/4", blade 2 7/8", Each.....\$4.90  
Extra, plain blade, Each......50  
Extra, tooth blade, Each......85



No. 82 The handle can be tilted to give the blade any angle desired. Blades of different forms and widths can be held in any position required permitting the tool to be used in many places inaccessible to other scrapers. Handle and knob of hardwood, length 14 1/2", blade 3".  
Japanned finish, Each.....\$1.90  
Extra blades, Each......30



No. 282 Non-Adjustable. Suitable for all kinds of scraping but especially recommended for floors on account of its strength and form. Body ground smooth and Japanned. Handle of hardwood securely fastened.  
Length 13", blade, 3", Each.....\$1.50  
Extra blades, Each......30

## ATKINS SCRAPERS



Ramshorn Scraper. Made of White Maple, polished and varnished. Malleable face clamp. Silver steel blade 3x3".  
Length 12", Each.....\$1.75  
Extra blades, Each......40

## GOODELL-PRATT SCRAPERS



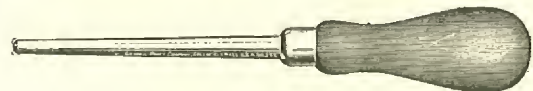
No. 369 Non-Adjustable hardwood handle 11" long. Set at correct angle for floor scraping. The large knob for tightening the blade, also serves as an auxiliary handle and weight. Blade is 3x4 1/2" and is reversible, Each.....\$1.50

## CABINET SCRAPERS



Made of high grade tool steel, especially tempered for this work.  
2 1/2 x 5", Each.....\$.45  
3 x 6", Each......55

## SCRAPER STEEL OR BURNISHER



No. 357 Round steel blade or stem correctly tapered for turning a scraper edge. The blade is 4 1/2" long, hardened and polished. Hardwood handle.  
Length overall 8 3/4", Each.....\$1.60

## BEARING SCRAPERS



Forged from a very high grade of tool steel correctly hardened and so carefully tempered that they will scratch glass and hold their keen edge for a long time. Can be sharpened on an oil stone. The slightly curved tapering and recessed blade is designed to do nice scraping without chattering. Polished shank, and large polished mahogany handles.

No.	Cutting Edge	Length	Each
581	1 1/2"	8"	\$.75
381	2 1/2"	10"	.90
382	3 1/2"	11"	1.00
383	4 1/2"	12"	1.10

Six in a box.



## BUCK BROTHERS CHISELS



The highest grade wood chisels obtainable. They are made of best English cast tool steel. Very hard and capable of taking and holding a keen edge. These chisels are for the skilled artisan.

## Buck Brothers Socket Firmer Chisels

Beveled edges, ground sharp. Leather tipped, polished hickory handles.

No. 36 Regular length (1" is 5" long in the blade).

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.15	\$1.15	\$1.15	\$1.25	\$1.35	\$1.45
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.55	\$1.65	\$1.75	\$1.90	\$2.25	\$2.40

No. 39 Butt Chisels, same as No. 36 except blade is shorter, all widths are 3 3/4" long.

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.05	\$1.05	\$1.05	\$1.10	\$1.20	\$1.25
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.30	\$1.40	\$1.55	\$1.65	\$1.90	\$2.00



## Buck Brothers Tanged Firmer Chisels.

Beveled edge, ground sharp. Polished applewood handles.

No. 30 Regular length (1" is 5 1/2" long under bolster).

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.05	\$1.05	\$1.05	\$1.05	\$1.10	\$1.15
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.20	\$1.30	\$1.55	\$1.75	\$2.10	\$2.40

No. 4 Butt Chisels, same as No. 30 except blade is shorter.

Width in.	1/4	3/8	1/2	5/8	3/4	
Each .....	\$1.05	\$1.05	\$1.05	\$1.10	\$1.15	
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each .....	\$1.20	\$1.30	\$1.55	\$1.75	\$2.15	\$2.40



## Buck Brothers Tanged Paring Chisels.

Beveled edges, ground sharp. Polished Applewood Handles.

No. 32 Long blade 1" is 8 1/2" long under bolster).

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.15	\$1.15	\$1.15	\$1.20	\$1.30	\$1.35
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.40	\$1.50	\$1.95	\$2.10	\$2.55	\$3.00

## STANLEY EVERLASTING CHISELS



## No. 40 Pocket Chisel

Very high grade. Head, shank and blade forged of one piece of tool steel. Hickory handle. A blow on the head is transmitted directly to the cutting edge. Blades 4 1/2" long.

No. 40 Beveled edges, ground sharp.

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.10	\$1.15	\$1.25	\$1.30	\$1.35	\$1.40
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.45	\$1.50	\$1.65	\$1.90	\$2.00	\$2.25

## Sets of No. 40 Chisels in canvass rolls.

No. 110	1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2 in.	\$10.00
210	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2 in.	13.80

All chisels packed six in a box.

## JAMES SWAN CHISELS



## Swan Socket Firmer Chisels

Beveled edges, ground sharp. Leather tipped, polished hickory handles.

No. 1035 3/4, Blades 4 1/2" long.

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$1.00	\$1.00	\$1.00	\$1.00	\$1.10	\$1.15
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.25	\$1.35	\$1.50	\$1.65	\$1.85	\$2.00

No. 1035 1/2 Butt Chisel, same as No. 1035 3/4 except blades are only 3 1/4" long.

Width in.	1/4	3/8	1/2	5/8	3/4	
Each .....	\$1.00	\$1.00	\$1.00	\$1.10	\$1.15	
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each .....	\$1.25	\$1.35	\$1.50	\$1.65	\$1.85	\$2.00



## Swan Tanged Firmer Chisels

Beveled edges, ground sharp. Leather tipped, polished hickory handles.

No. 1135, Blades 4 1/2" long.

Width in.	1/8	1/4	3/8	1/2	5/8	3/4
Each	\$ .95	\$ .95	\$ .95	\$ .95	\$1.00	\$1.05
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each	\$1.10	\$1.20	\$1.45	\$1.65	\$1.90	\$2.25

No. 1135 1/2 Butt Chisel, same as No. 1135 except blades are only 2 1/2" long.

Width in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	
Each .....	\$ .95	\$ .95	\$ .95	\$1.00	\$1.05	
Width in.	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Each .....	\$1.10	\$1.20	\$1.45	\$1.65	\$1.90	\$2.25

## Canvass Rolls for Chisels with strap

For 6 Chisels, without chisels, Each	\$1.00
" 9 " " " " "	1.50
" 12 " " " " "	2.25

## BUCK BROTHERS TURNING TOOLS



## No. 16 C. S. Turning Chisels

Width in.	1/4	3/8	1/2	5/8	3/4	
Each .....	\$ .65	\$ .65	\$ .75	\$ .85	\$ .95	
Width in.	7/8	1	1 1/4	1 1/2	1 3/4	2
Each .....	\$1.05	\$1.15	\$1.45	\$1.90	\$2.35	\$2.75



## No. 17 C. S. Turning Gouges

Width in.		$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Each .....		\$ .90	\$ .90	\$1.00	\$1.10	\$1.25
Width in.	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Each .....		\$1.45	\$1.65	\$2.15	\$2.75	\$3.25
					\$3.25	\$3.95



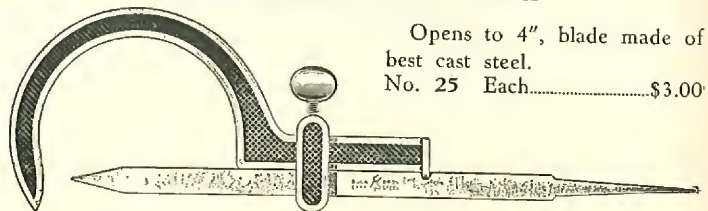
## No. 18 Turners Parting Chisel 8 1/2 to 9 1/2" long.

Each	1/2" \$1.00, 3/8" \$1.10, 3/4" \$1.20
------	---------------------------------------

## TURNERS SIZING TOOL

Opens to 4", blade made of best cast steel.

No. 25 Each \$3.00





## BUCK BROTHERS GOUGES



Buck Brothers Handled Firmer Gouges

Beveled outside, measured inside. Applewood handles.

No. 8 Regular length (1" is 5 1/2" long under bolster).								
Width, in.	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Each	\$.80	\$.80	\$.80	\$.85	\$.95	\$1.05	\$1.15	\$1.25



Buck Brothers Handled Firmer Gouges

Beveled inside, ground sharp. Applewood handles.

No. 10 Regular length (1" is 5 1/2" long under bolster).								
Width, in.	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Each	\$.90	\$.90	\$.90	\$.95	\$1.00	\$1.10	\$1.20	\$1.30



Buck Brothers Socket Firmer Gouges

Beveled outside, measured inside. Leather tipped, polished hickory handles.

No. 42 Regular length (1" is 5 1/2" long in the blade).								
Width, in.	3/8	1/2	5/8	3/4	7/8	1		
Each	\$1.30	\$1.35	\$1.45	\$1.55	\$1.65	\$1.75		



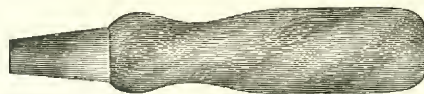
Buck Brothers Handled Firmer Paring Gouges

Beveled inside, regular sweep. Applewood handles.

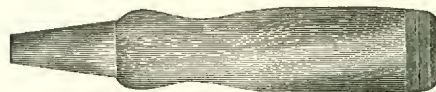
No. 14 Long blade (1" is 8 1/2" long under bolster).								
Width, in.	3/8	1/2	5/8	3/4	7/8	1		
Each	\$1.30	\$1.35	\$1.45	\$1.55	\$1.65	\$1.75		

## HICKORY CHISEL HANDLES—POLISHED

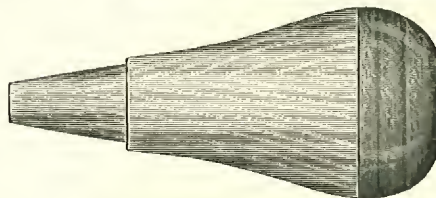
Each kind is packed twelve in a box and in assorted sizes.  
In ordering chisel handles mention width of blade and outside diameter of socket or bolster when wanted to fit certain chisels.



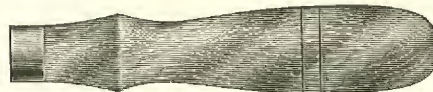
Plain  
Socket Firmer  
No. 31, Each \$.12



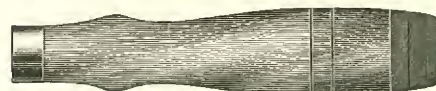
Leather Tip  
Socket Firmer  
No. 131, Each \$.20



Leather Tip  
Socket Firmer  
for Butt Chisel  
No. 131B, Ea. \$.20



Plain  
Tang Firmer  
Brass Ferrule  
No. 11, Each \$.15



Leather Tip  
Tang Firmer  
Brass Ferrule  
No. 111, Each \$.20

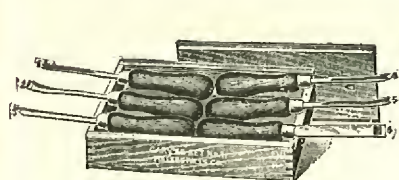


Leather Tip  
Tang Firmer  
Brass Ferrule  
for Butt Chisel  
No. 111B, Ea. \$.20

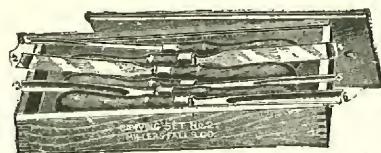


For  
Turning Tools  
Plain Firmer  
Brass Ferrule  
7 1/4 to 9 1/2" long  
No. 75, Each \$.30

## MILLERS FALLS CARVING TOOL SETS



Set No. 1



Set No. 2

No. 1 A small, yet thoroughly practical set. Contains the following six tools, as illustrated:

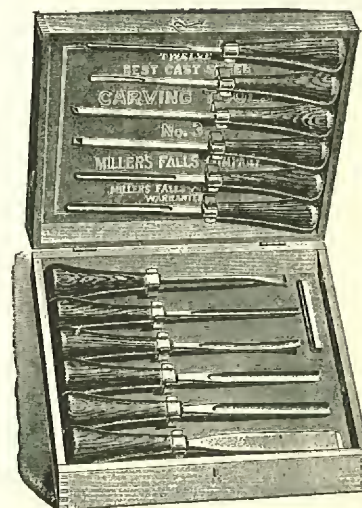
"V" tool, bevel chisel, curved gouge, straight chisel, "U" tool and straight gouge. Forged steel blades with keen cutting edges. Stained hardwood handles, ferrules polished and nickel plated. Packed in hardwood box with sliding cover. Length of tools 5 1/2 inches. Weight per set (with box) 9 oz. Price per set \$2.75

No. 2 This set differs from No. 1 only in length of tools. Length of tools 8 1/2 inches. Weight per set (with box) 1 lb. Price per set \$3.85

No. 3 A high quality set made especially for manual training school use. Contains the following twelve tools:

"U" tool, veining tool, narrow bevel chisel, narrow chisel, small circular gouge, small flat gouge, bent chisel. "V" tool, curved gouge, large circular gouge, large flat gouge and wide chisel. Clips hold each tool firmly in place. Forged steel blades, with keen cutting edges. Stained hardwood handles. Polished and nickel plated ferrules. Packed in hinged hardwood box. Length of tools, except matting tool, average 8 1/2 inches. Weight per set (with box) 3 3/8 lbs.

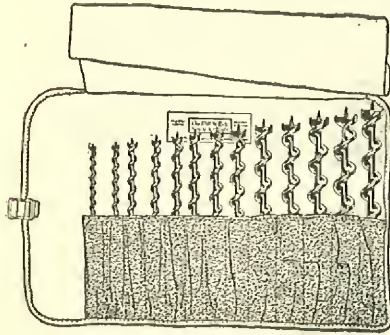
Price per set \$13.50



Set No. 3



## GENUINE IRWIN "MAINBOR" AUGER BITS

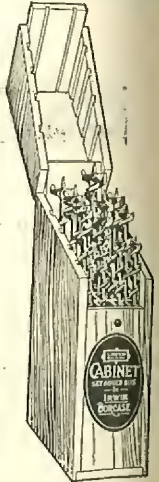


Set of bits in canvas roll.



The fast cutting single twist type of bit. These bits are forged, not twisted nor milled. Made of high grade special analysis steel, annealed full length and then head and body of bit are tempered separately.

The "Mainbor" Irwin Auger Bit is designed for general work. Note it has two spurs and two cutters, and the screw feeds at the right rate of speed for most purposes. It cuts fast and easily. For certain special purposes other patterns of Irwin Bits can be furnished.



## No. 62T IRWIN SINGLE TWIST AUGER BITS

Size	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Full Length	7 1/4	7 1/2	7 5/8	7 3/4	7 7/8	8	8 1/8	8 1/4	8 3/8	8 1/2	8 5/8	8 3/4	8 7/8	9	9	9 1/8	9 1/8	9 1/4
Length Twist	4	4	4 1/8	4 1/8	4 1/8	4 1/4	4 1/4	4 3/8	4 1/2	4 5/8	4 3/4	4 3/4	4 7/8	4 7/8	4 7/8	5	5	5
Price Each	\$ .45	\$ .40	\$ .45	\$ .45	\$ .50	\$ .55	\$ .60	\$ .65	\$ .70	\$ .75	\$ .80	\$ .85	\$ .90	\$ .95	\$ 1.05	\$ 1.05	\$ 1.20	\$ 1.20

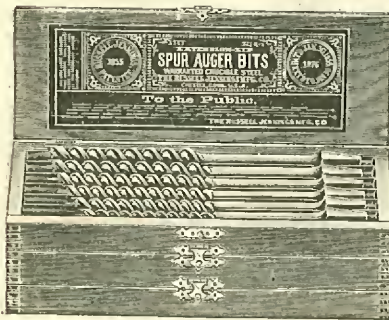
Sizes 3 to 16 packed 6 in a box, larger sizes 3 in a box.

Set of bits in case

Set Name	Class	Packed in	No. of Bits	Sizes of Bits	Price Per Set
Little Six	AAR	Roll	6	4, 5, 6, 8, 10, 12	\$ 3.75
Home	BBR	"	6	4, 6, 8, 10, 12, 16	4.40
Handy	AR	"	10	4, 5, 6, 7, 8, 10, 12, 14, 16 and screw driver	6.25
Carpenters	DR	"	13	4 to 16 inclusive	8.75
*Cabinet	DS	Case	13	4 to 16	10.00

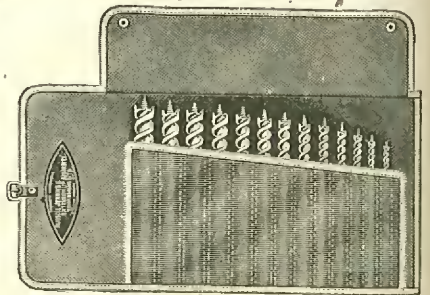
\*These are "Smoothbor" bits. Feed screw has fine thread for very exact work.

## GENUINE RUSSEL JENNINGS AUGER BITS



The highest grade of double twist bits. Forged from the best crucible steel, which is high in carbon, making these bits long wearing. Carefully tempered and ground true to size. Lips, spurs and throat are carefully filed and full clearance for the chips is given.

The standard double thread screw is used on the No. 100 style bit and cannot be surpassed for accurate smooth holes.

No. 100 Double Twist Auger Bits  
Lengths vary from 8 1/2 to 10 inches  
Size in 16ths of an inch

Size	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Each	\$ .75	\$ .65	\$ .65	\$ .65	\$ .65	\$ .65	\$ .75	\$ .75	\$ .85	\$ .85	\$ 1.00	\$ 1.00	\$ 1.20	\$ 1.20	\$ 1.50	\$ 1.50	\$ 1.75	\$ 1.75
Set of 13 Bits 4 to 16 inclusive in canvas roll														Per Set				
Set of 13 Bits 4 to 16 inclusive in hardwood hinged case														"				

Sizes 3 to 16 packed 6 in a box, larger sizes 3 in a box.

## ELECTRICIANS AUGER BITS

Fast Boring

Irwin Speedbor 6" twist, 4" shank	
Size in	10/16
Each	\$ .80
Red. Devil, 3 1/2" twist, 2 1/2" shank	
Size in	10/16
Each	\$ .80
Mephisto, 4" twist, 4" shank	
Size in	10/16
Each	\$ .80

Six in a box.

## FORSTNER AUGER BITS



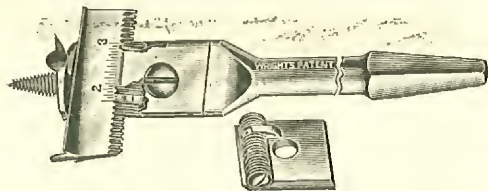
Specially adapted for hardwood working. It is guided by its rim, will bore any segment of a circle and can be directed as desired regardless of grain or knots, leaving true polished surface.

Size	4	5	6	7	8	9	10
Each	\$ 1.35	\$ 1.35	\$ 1.50	\$ 1.50	\$ 1.60	\$ 1.75	\$ 1.75
Size	11	12	13	14	15	16	
Each	\$ 1.80	\$ 1.95	\$ 2.10	\$ 2.10	\$ 2.55	\$ 2.55	

Six in a box.



## EXPANSIVE BITS FOR BRACES



Wright's Patent

Made of special cast steel. The cutter cannot creep or slip (see cut open view above.) For strength and ease of boring (due to the patent cutter) this bit is not surpassed.

No. 10—Large size with two cutters, one bores  $\frac{7}{8}$ " to  $1\frac{3}{4}$ ", and the other from  $1\frac{3}{4}$ " to 3". Complete. Each.....\$3.75  
Extra cutters—large " ..... .75  
Extra cutters,—small " ..... .65



Clark's Pattern Expansive Bits

No. 1 Large bit, has two cutters,  $\frac{7}{8}$ " to  $1\frac{3}{4}$ " and  $1\frac{3}{4}$ " to 3" respectively. Each.....\$2.50  
Extra cutters—large, Each......70  
Extra cutters—small, " ..... .60

No. 2 Small bit, has two cutters,  $\frac{1}{2}$ " to  $\frac{7}{8}$ " and  $\frac{7}{8}$ " to  $1\frac{1}{2}$ " respectively, Each.....\$2.00  
Extra cutters—large, Each......50  
Extra cutters—small, " ..... .40

One in a box.

## IRWIN CAR BITS FOR BRACE



No. 35T Irwin "Surebor" for fast work. 18" long overall, 12" twist.  
Size in 16ths 6 7 8 9 10 11 12 13  
Each .....\$1.00 \$1.10 \$1.25 \$1.40 \$1.55 \$1.70 \$1.85 \$2.00  
Size in 16ths 14 15 16 17 18 19 20  
Each .....\$2.15 \$2.30 \$2.45 \$2.65 \$2.85 \$3.05 \$3.25

## WATROUS SHIP AUGERS

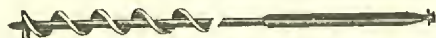


No. 15 Watrous Ship Auger with screw

For use in Auger Handle shown below.

Size in 16ths 6 7 8 9 10 11  
Each .....\$1.05 \$1.10 \$1.10 \$1.15 \$1.20 \$1.25  
Size in 16ths 12 13 14 15 16  
Each .....\$1.35 \$1.40 \$1.45 \$1.55 \$1.60

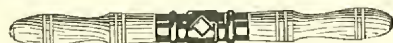
## IRWIN NUT AUGERS



For use in Auger Handle shown below. 18" long overall, 10" twist.  
For rough work.

No. 74N  
Size in 8ths 8/8 9/8 10/8 12/8 14/8  
Each .....\$2.00 \$2.25 \$2.50 \$3.25 \$4.00  
Size in 8ths 16/8 18/8 20/8 22/8 24/8  
Each .....\$4.50 \$5.00 \$5.75 \$7.50 \$9.00

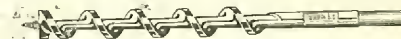
## DETACHABLE AUGER HANDLE



Holds Ship Augers and Nut Augers—Tightens by turning one of the hardwood handles. Each.....\$1.65

Augers and Bits packed six in a box.

## IRWIN BORING MACHINE AUGERS

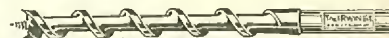


No. 73R For Hand Boring Machine

This auger will not work satisfactorily in a power machine.  
 $\frac{1}{2}$ " Round Shank, 8" twist, 12" long overall.

Size in 16ths	8	10	12	14	16	18
Each	\$2.66	\$2.66	\$2.94	\$3.48	\$4.00	\$4.54
Size in 16ths	20	22	24	28	32	
Each	\$5.08	\$5.60	\$6.40	\$7.48	\$8.54	

## IRWIN POWER MACHINE BITS



No. 62R For Power Boring Machine

Note the head of this bit has a feed screw, also two spurs, two cutters and two throats, will not tear the wood and has ample chip clearance.

Shank  $\frac{1}{2}$ " round x 2" long, carried in stock at the factory.

Price for 4 or 6" twist.

Size given are 16ths of an inch.

Size	Each	Size	Each	Size	Each	Size	Each
4	\$1.00	9	\$1.00	14	\$1.50	19	\$2.00
5	.70	10	1.10	15	1.60	20	2.10
6	.75	11	1.20	16	1.70	21	2.20
7	.83	12	1.30	17	1.80	22	2.30
8	.90	13	1.40	18	1.90	24	2.50

8, 10 or 12 inch twist can be furnished.

## CLEVELAND WOOD BITS FOR BRACE



No. 114A Lengths vary from 4 to 10".

Sizes are 32nds of an inch.

Size	Each	Size	Each	Size	Each
3	\$1.27	10	\$1.50	17	\$1.84
4	.27	11	.54	18	.92
5	.29	12	.59	19	.98
6	.33	13	.63	20	1.04
7	.38	14	.67	22	1.21
8	.42	15	.73	24	1.38
9	.46	16	.79		

## SETS OF WOOD BITS

No. 13B Seven bits, sizes 4, 5, 6, 7, 8, 10 and 12 in a flat case covered with dark green silk. Per set.....\$3.70

## CLEVELAND BELL HANGERS BITS FOR BRACE



No. 114E 18" long. Can be furnished longer.

Size in 32nds	6	8	10	12	14
Each	\$1.83	\$1.88	\$1.92	\$1.00	\$1.08
Size in 32nds	16	18	20	22	24
Each	\$1.21	\$1.33	\$1.48	\$1.63	\$1.79

## CENTER BITS FOR BRACE



Size in 16ths	10	12	14	16	18	20
Each	\$1.40	\$1.40	\$1.40	\$1.40	\$1.50	\$1.50



## CLEVELAND TWIST DRILLS

## BIT STOCK DRILLS

## TAPER SHANK DRILLS



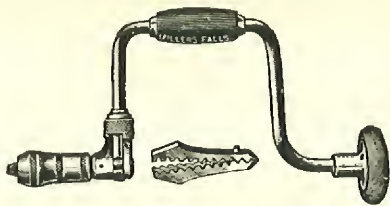
No. 114 Carbon Steel					
Size In.	Full Length	List Doz.	Diam.	Full Length	List Doz.
1/8	3 5/8"	\$2.50	3/8	6 "	\$ 8.50
3/16	3 9/8"	2.70	7/16	6 1/4"	9.25
1/4	3 1 1/8"	3.00	1/2	6 1/2"	10.50
5/16	4 1/8"	3.50	5/8	6 3/4"	11.75
3/8	4 1 1/8"	4.00	3/4	7 "	13.00
7/16	4 5/8"	4.50	7/8	7 1/2"	15.50
1/2	4 1 1/2"	5.00	1	7 1/2"	18.00
5/8	5 1/8"	6.00	1 1/8	7 1/2"	21.00
3/4	5 3/8"	7.00	1 1/4	7 1/2"	24.00
7/8	5 3/4"	8.00	1 1/2	7 1/2"	27.00

## Sets of Bit Stock Drills

No. 14B Seven, No. 114 Drills, sizes 1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 1/2, 33 3/4, 34, 34 1/4, 34 1/2, 34 3/4, 35, 35 1/4, 35 1/2, 35 3/4, 36, 36 1/4, 36 1/2, 36 3/4, 37, 37 1/4, 37 1/2, 37 3/4, 38, 38 1/4, 38 1/2, 38 3/4, 39, 39 1/4, 39 1/2, 39 3/4, 40, 40 1/4, 40 1/2, 40 3/4, 41, 41 1/4, 41 1/2, 41 3/4, 42, 42 1/4, 42 1/2, 42 3/4, 43, 43 1/4, 43 1/2, 43 3/4, 44, 44 1/4, 44 1/2, 44 3/4, 45, 45 1/4, 45 1/2, 45 3/4, 46, 46 1/4, 46 1/2, 46 3/4, 47, 47 1/4, 47 1/2, 47 3/4, 48, 48 1/4, 48 1/2, 48 3/4, 49, 49 1/4, 49 1/2, 49 3/4, 50, 50 1/4, 50 1/2, 50 3/4, 51, 51 1/4, 51 1/2, 51 3/4, 52, 52 1/4, 52 1/2, 52 3/4, 53, 53 1/4, 53 1/2, 53 3/4, 54, 54 1/4, 54 1/2, 54 3/4, 55, 55 1/4, 55 1/2, 55 3/4, 56, 56 1/4, 56 1/2, 56 3/4, 57, 57 1/4, 57 1/2, 57 3/4, 58, 58 1/4, 58 1/2, 58 3/4, 59, 59 1/4, 59 1/2, 59 3/4, 60, 60 1/4, 60 1/2, 60 3/4, 61, 61 1/4, 61 1/2, 61 3/4, 62, 62 1/4, 62 1/2, 62 3/4, 63, 63 1/4, 63 1/2, 63 3/4, 64, 64 1/4, 64 1/2, 64 3/4, 65, 65 1/4, 65 1/2, 65 3/4, 66, 66 1/4, 66 1/2, 66 3/4, 67, 67 1/4, 67 1/2, 67 3/4, 68, 68 1/4, 68 1/2, 68 3/4, 69, 69 1/4, 69 1/2, 69 3/4, 70, 70 1/4, 70 1/2, 70 3/4, 71, 71 1/4, 71 1/2, 71 3/4, 72, 72 1/4, 72 1/2, 72 3/4, 73, 73 1/4, 73 1/2, 73 3/4, 74, 74 1/4, 74 1/2, 74 3/4, 75, 75 1/4, 75 1/2, 75 3/4, 76, 76 1/4, 76 1/2, 76 3/4, 77, 77 1/4, 77 1/2, 77 3/4, 78, 78 1/4, 78 1/2, 78 3/4, 79, 79 1/4, 79 1/2, 79 3/4, 80, 80 1/4, 80 1/2, 80 3/4, 81, 81 1/4, 81 1/2, 81 3/4, 82, 82 1/4, 82 1/2, 82 3/4, 83, 83 1/4, 83 1/2, 83 3/4, 84, 84 1/4, 84 1/2, 84 3/4, 85, 85 1/4, 85 1/2, 85 3/4, 86, 86 1/4, 86 1/2, 86 3/4, 87, 87 1/4, 87 1/2, 87 3/4, 88, 88 1/4, 88 1/2, 88 3/4, 89, 89 1/4, 89 1/2, 89 3/4, 90, 90 1/4, 90 1/2, 90 3/4, 91, 91 1/4, 91 1/2, 91 3/4, 92, 92 1/4, 92 1/2, 92 3/4, 93, 93 1/4, 93 1/2, 93 3/4, 94, 94 1/4, 94 1/2, 94 3/4, 95, 95 1/4, 95 1/2, 95 3/4, 96, 96 1/4, 96 1/2, 96 3/4, 97, 97 1/4, 97 1/2, 97 3/4, 98, 98 1/4, 98 1/2, 98 3/4, 99, 99 1/4, 99 1/2, 99 3/4, 100, 100 1/4, 100 1/2, 100 3/4, 101, 101 1/4, 101 1/2, 101 3/4, 102, 102 1/4, 102 1/2, 102 3/4, 103, 103 1/4, 103 1/2, 103 3/4, 104, 104 1/4, 104 1/2, 104 3/4, 105, 105 1/4, 105 1/2, 105 3/4, 106, 106 1/4, 106 1/2, 106 3/4, 107, 107 1/4, 107 1/2, 107 3/4, 108, 108 1/4, 108 1/2, 108 3/4, 109, 109 1/4, 109 1/2, 109 3/4, 110, 110 1/4, 110 1/2, 110 3/4, 111, 111 1/4, 111 1/2, 111 3/4, 112, 112 1/4, 112 1/2, 112 3/4, 113, 113 1/4, 113 1/2, 113 3/4, 114, 114 1/4, 114 1/2, 114 3/4, 115, 115 1/4, 115 1/2, 115 3/4, 116, 116 1/4, 116 1/2, 116 3/4, 117, 117 1/4, 117 1/2, 117 3/4, 118, 118 1/4, 118 1/2, 118 3/4, 119, 119 1/4, 119 1/2, 119 3/4, 120, 120 1/4, 120 1/2, 120 3/4, 121, 121 1/4, 121 1/2, 121 3/4, 122, 122 1/4, 122 1/2, 122 3/4, 123, 123 1/4, 123 1/2, 123 3/4, 124, 124 1/4, 124 1/2, 124 3/4, 125, 125 1/4, 125 1/2, 125 3/4, 126, 126 1/4, 126 1/2, 126 3/4, 127, 127 1/4, 127 1/2, 127 3/4, 128, 128 1/4, 128 1/2, 128 3/4, 129, 129 1/4, 129 1/2, 129 3/4, 130, 130 1/4, 130 1/2, 130 3/4, 131, 131 1/4, 131 1/2, 131 3/4, 132, 132 1/4, 132 1/2, 132 3/4, 133, 133 1/4, 133 1/2, 133 3/4, 134, 134 1/4, 134 1/2, 134 3/4, 135, 135 1/4, 135 1/2, 135 3/4, 136, 136 1/4, 136 1/2, 136 3/4, 137, 137 1/4, 137 1/2, 137 3/4, 138, 138 1/4, 138 1/2, 138 3/4, 139, 139 1/4, 139 1/2, 139 3/4, 140, 140 1/4, 140 1/2, 140 3/4, 141, 141 1/4, 141 1/2, 141 3/4, 142, 142 1/4, 142 1/2, 142 3/4, 143, 143 1/4, 143 1/2, 143 3/4, 144, 144 1/4, 144 1/2, 144 3/4, 145, 145 1/4, 145 1/2, 145 3/4, 146, 146 1/4, 146 1/2, 146 3/4, 147, 147 1/4, 147 1/2, 147 3/4, 148, 148 1/4, 148 1/2, 148 3/4, 149, 149 1/4, 149 1/2, 149 3/4, 150, 150 1/4, 150 1/2, 150 3/4, 151, 151 1/4, 151 1/2, 151 3/4, 152, 152 1/4, 152 1/2, 152 3/4, 153, 153 1/4, 153 1/2, 153 3/4, 154, 154 1/4, 154 1/2, 154 3/4, 155, 155 1/4, 155 1/2, 155 3/4, 156, 156 1/4, 156 1/2, 156 3/4, 157, 157 1/4, 157 1/2, 157 3/4, 158, 158 1/4, 158 1/2, 158 3/4, 159, 159 1/4, 159 1/2, 159 3/4, 160, 160 1/4, 160 1/2, 160 3/4, 161, 161 1/4, 161 1/2, 161 3/4, 162, 162 1/4, 162 1/2, 162 3/4, 163, 163 1/4, 163 1/2, 163 3/4, 164, 164 1/4, 164 1/2, 164 3/4, 165, 165 1/4, 165 1/2, 165 3/4, 166, 166 1/4, 166 1/2, 166 3/4, 167, 167 1/4, 167 1/2, 167 3/4, 168, 168 1/4, 168 1/2, 168 3/4, 169, 169 1/4, 169 1/2, 169 3/4, 170, 170 1/4, 170 1/2, 170 3/4, 171, 171 1/4, 171 1/2, 171 3/4, 172, 172 1/4, 172 1/2, 172 3/4, 173, 173 1/4, 173 1/2, 173 3/4, 174, 174 1/4, 174 1/2, 174 3/4, 175, 175 1/4, 175 1/2, 175 3/4, 176, 176 1/4, 176 1/2, 176 3/4, 177, 177 1/4, 177 1/2, 177 3/4, 178, 178 1/4, 178 1/2, 178 3/4, 179, 179 1/4, 179 1/2, 179 3/4, 180, 180 1/4, 180 1/2, 180 3/4, 181, 181 1/4, 181 1/2, 181 3/4, 182, 182 1/4, 182 1/2, 182 3/4, 183, 183 1/4, 183 1/2, 183 3/4, 184, 184 1/4, 184 1/2, 184 3/4, 185, 185 1/4, 185 1/2, 185 3/4, 186, 186 1/4, 186 1/2, 186 3/4, 187, 187 1/4, 187 1/2, 187 3/4, 188, 188 1/4, 188 1/2, 188 3/4, 189, 189 1/4, 189 1/2, 189 3/4, 190, 190 1/4, 190 1/2, 190 3/4, 191, 191 1/4, 191 1/2, 191 3/4, 192, 192 1/4, 192 1/2, 192 3/4, 193, 193 1/4, 193 1/2, 193 3/4, 194, 194 1/4, 194 1/2, 194 3/4, 195, 195 1/4, 195 1/2, 195 3/4, 196, 196 1/4, 196 1/2, 196 3/4, 197, 197 1/4, 197 1/2, 197 3/4, 198, 198 1/4, 198 1/2, 198 3/4, 199, 199 1/4, 199 1/2, 199 3/4, 200, 200 1/4, 200 1/2, 200 3/4, 201, 201 1/4, 201 1/2, 201 3/4, 202, 202 1/4, 202 1/2, 202 3/4, 203, 203 1/4, 203 1/2, 203 3/4, 204, 204 1/4, 204 1/2, 204 3/4, 205, 205 1/4, 205 1/2, 205 3/4, 206, 206 1/4, 206 1/2, 206 3/4, 207, 207 1/4, 207 1/2, 207 3/4, 208, 208 1/4, 208 1/2, 208 3/4, 209, 209 1/4, 209 1/2, 209 3/4, 210, 210 1/4, 210 1/2, 210 3/4, 211, 211 1/4, 211 1/2, 211 3/4, 212, 212 1/4, 212 1/2, 212 3/4, 213, 213 1/4, 213 1/2, 213 3/4, 214, 214 1/4, 214 1/2, 214 3/4, 215, 215 1/4, 215 1/2, 215 3/4, 216, 216 1/4, 216 1/2, 216 3/4, 217, 217 1/4, 217 1/2, 217 3/4, 218, 218 1/4, 218 1/2, 218 3/4, 219, 219 1/4, 219 1/2, 219 3/4, 220, 220 1/4, 220 1/2, 220 3/4, 221, 221 1/4, 221 1/2, 221 3/4, 222, 222 1/4, 222 1/2, 222 3/4, 223, 223 1/4, 223 1/2, 223 3/4, 224, 224 1/4, 224 1/2, 224 3/4, 225, 225 1/4, 225 1/2, 225 3/4, 226, 226 1/4, 226 1/2, 226 3/4, 227, 227 1/4, 227 1/2, 227 3/4, 228, 228 1/4, 228 1/2, 228 3/4, 229, 229 1/4, 229 1/2, 229 3/4, 230, 230 1/4, 230 1/2, 230 3/4, 231, 231 1/4, 231 1/2, 231 3/4, 232, 232 1/4, 232 1/2, 232 3/4, 233, 233 1/4, 233 1/2, 233 3/4, 234, 234 1/4, 234 1/2, 234 3/4, 235, 235 1/4, 235 1/2, 235 3/4, 236, 236 1/4, 236 1/2, 236 3/4, 237, 237 1/4, 237 1/2, 237 3/4, 238, 238 1/4, 238 1/2, 238 3/4, 239, 239 1/4, 239 1/2, 239 3/4, 240, 240 1/4, 240 1/2, 240 3/4, 241, 241 1/4, 241 1/2, 241 3/4, 242, 242 1/4, 242 1/2, 242 3/4, 243, 243 1/4, 243 1/2, 243 3/4, 244, 244 1/4, 244 1/2, 244 3/4, 245, 245 1/4, 245 1/2, 245 3/4, 246, 246 1/4, 246 1/2, 246 3/4, 247, 247 1/4, 247 1/2, 247 3/4, 248, 248 1/4, 248 1/2, 248 3/4, 249, 249 1/4, 249 1/2, 249 3/4, 250, 250 1/4, 250 1/2, 250 3/4, 251, 251 1/4, 251 1/2, 251 3/4, 252, 252 1/4, 252 1/2, 252 3/4, 253, 253 1/4, 253 1/2, 253 3/4, 254, 254 1/4, 254 1/2, 254 3/4, 255, 255 1/4, 255 1/2, 255 3/4, 256, 256 1/4, 256 1/2, 256 3/4, 257, 257 1/4, 257 1/2, 257 3/4, 258, 258 1/4, 258 1/2, 258 3/4, 259, 259 1/4, 259 1/2, 259 3/4, 260, 260 1/4, 260 1/2, 260 3/4, 261, 261 1/4, 261 1/2, 261 3/4, 262, 262 1/4, 262 1/2, 262 3/4, 263, 263 1/4, 263 1/2, 263 3/4, 264, 264 1/4, 264 1/2, 264 3/4, 265, 265 1/4, 265 1/2, 265 3/4, 266, 266 1/4, 266 1/2, 266 3/4, 267, 267 1/4, 267 1/2, 267 3/4, 268, 268 1/4, 268 1/2, 268 3/4, 269, 269 1/4, 269 1/2, 269 3/4, 270, 270 1/4, 270 1/2, 270 3/4, 271, 271 1/4, 271 1/2, 271 3/4, 272, 272 1/4, 272 1/2, 272 3/4, 273, 273 1/4, 273 1/2, 273 3/4, 274, 274 1/4, 274 1/2, 274 3/4, 275, 275 1/4, 275 1/2, 275 3/4, 276, 276 1/4, 276 1/2, 276 3/4, 277, 277 1/4, 277 1/2, 277 3/4, 278, 278 1/4, 278 1/2, 278 3/4, 279, 279 1/4, 279 1/2, 279 3/4, 280, 280 1/4, 280 1/2, 280 3/4, 281, 281 1/4, 281 1/2, 281 3/4, 282, 282 1/4, 282 1/2, 282 3/4, 283, 283 1/4, 283 1/2, 283 3/4, 284, 284 1/4, 284 1/2, 284 3/4, 285, 285 1/4, 285 1/2, 285 3/4, 286, 286 1/4, 286 1/2, 286 3/4, 287, 287 1/4, 287 1/2, 287 3/4, 288, 288 1/4, 288 1/2, 288 3/4, 289, 289 1/4, 289 1/2, 289 3/4, 290, 290 1/4, 290 1/2, 290 3/4, 291, 291 1/4, 291 1/2, 291 3/4, 292, 292 1/4, 292 1/2, 292 3/4, 293, 293 1/4, 293 1/2, 293 3/4, 294, 294 1/4, 294 1/2, 294 3/4, 295, 295 1/4, 295 1/2, 295 3/4, 296, 296 1/4, 296 1/2, 296 3/4, 297, 297 1/4, 297 1/2, 297 3/4, 298, 298 1/4, 298 1/2, 298 3/4, 299, 299 1/4, 299 1/2, 299 3/4, 300, 300 1/4, 300 1/2, 300 3/4, 301, 301 1/4, 301 1/2, 301 3/4, 302, 302 1/4, 302 1/2, 302 3/4, 303, 303 1/4, 303 1/2, 303 3/4, 304, 304 1/4, 304 1/2, 304 3/4, 305, 305 1/4, 305 1/2, 305 3/4, 306, 306 1/4, 306 1/2, 306 3/4, 307, 307 1/4, 307 1/2, 307 3/4, 308, 308 1/4, 308 1/2, 308 3/4, 309, 309 1/4, 309 1/2, 309 3/4, 310, 310 1/4, 310 1/2, 310 3/4, 311, 311 1/4, 311 1/2, 311 3/4, 312, 312 1/4, 312 1/2, 312 3/4, 313, 313 1/4, 313 1/2, 313 3/4, 314, 314 1/4, 314 1/2, 314 3/4, 315, 315 1/4, 315 1/2, 315 3/4, 316, 316 1/4, 316 1/2, 316 3/4, 317, 317 1/4, 317 1/2, 317 3/4, 318, 318 1/4, 318 1/2, 318 3/4, 319, 319 1/4, 319 1/2, 319 3/4, 320, 320 1/4, 320 1/2, 320 3/4, 321, 321 1/4, 321 1/2, 321 3/4, 322, 322 1/4, 322 1/2, 322 3/4, 323, 323 1/4, 323 1/2, 323 3/4, 324, 324 1/4, 324 1/2, 324 3/4, 325, 325 1/4, 325 1/2, 325 3/4, 326, 326 1/4, 326 1/2, 326 3/4, 327, 327 1/4, 327 1/2, 327 3/4, 328, 328 1/4, 328 1/2, 328 3/4, 329, 329 1/4, 329 1/2, 329 3/4, 330, 330 1/4, 330 1/2, 330 3/4, 331, 331 1/4, 331 1/2, 331 3/4, 332, 332 1/4, 332 1/2, 332 3/4, 333, 333 1/4, 333 1/2, 333 3/4, 334, 334 1/4, 334 1/2, 334 3/4, 335, 335 1/4, 335 1/2, 335 3/4, 336, 336 1/4, 336 1/2, 336 3/4, 337, 337 1/4, 337 1/2, 337 3/4, 338, 338 1/4, 338 1/2, 338 3/4, 339, 339 1/4, 339 1/2, 339 3/4, 340, 340 1/4, 340 1/2, 340 3/4, 341, 341 1/4, 341 1/2, 341 3/4, 342, 342 1/4, 342 1/2, 342 3/4, 343, 343 1/4, 343 1/2, 343 3/4, 344, 344 1/4, 344 1/2, 344 3/4, 345, 345 1/4, 345 1/2, 345 3/4, 346, 346 1/4, 346 1/2, 346 3/4, 347, 347 1/4, 347 1/2, 347 3/4, 348, 348 1/4, 348 1/2, 348 3/4, 349, 349 1/4, 349 1/2, 349 3/4, 350, 350 1/4, 350 1/2, 350 3/4, 351, 351 1/4, 351 1/2, 351 3/4, 352, 352 1/4, 352 1/2, 352 3/4, 353, 353 1/4, 353 1/2, 353 3/4, 354, 354 1/4, 354 1/2, 354 3/4, 355, 355 1/4, 355 1/2, 355 3/4, 356, 356 1/4, 356 1/2, 356 3/4, 357, 357 1/4, 357 1/2, 357 3/4, 358, 358 1/4, 358 1/2, 358 3/4, 359, 359 1/4, 359 1/2, 359 3/4, 360, 360 1/4, 360 1/2, 360 3/4, 361, 361 1/4, 361 1/2, 361 3/4, 362, 362 1/4, 362 1/2, 362 3/4, 363, 363 1/4, 363 1/2, 363 3/4, 364, 364 1/4, 364 1/2, 364 3/4, 365, 365 1/4, 365 1/2, 365 3/4, 3



## RATCHET BRACES MILLERS FALLS

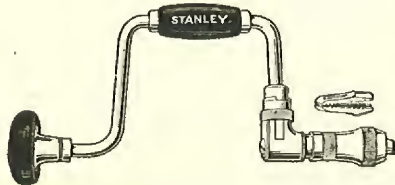


Nos. 1663, 1662 and 1661

Metal parts polished and nickel plated. Handles stained hardwood. Alligator jaws take bit shanks. Plain bearings.

No. 1663— 8" Sweep.	Each.....	\$2.05
1662—10" " "	" .....	2.10
1661—12" " "	" .....	2.15

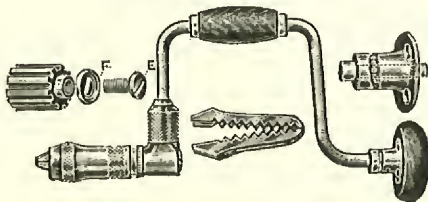
## STANLEY



Nickel plated, concealed ratchet. Ball Bearing Head. Cocobolo head and handle. Alligator Jaws take bit shank.

No. 921— 8" Sweep.	Each.....	\$5.15
10" " "	" .....	5.25
12" " "	" .....	5.40
14" " "	" .....	5.70

## MILLERS FALLS

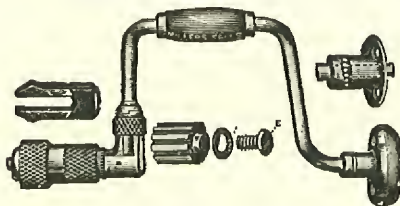


Nos. 34 to 30

Nickel plated, concealed ratchet. Ball Bearing head. Cocobolo head and handle. Alligator jaws for bit shanks only.

No. 34— 6" Sweep.	Each.....	\$4.65
33— 8" " "	" .....	4.65
32—10" " "	" .....	4.70
31—12" " "	" .....	4.95
30—14" " "	" .....	5.10

## MILLERS FALLS

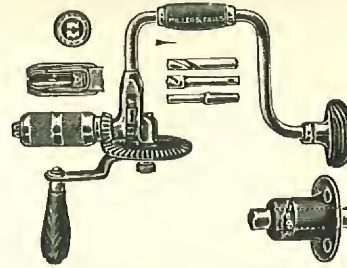


Nos. 773 to 769

This brace is the finest obtainable. It is ball-bearing at every possible point and is recommended for heavy work. Milled jaws take regular bit shank, round shanks  $\frac{1}{8}$  to  $\frac{1}{2}$ " and No. 1 Morse Taper Shanks. Very strong ratchet.

No. 773— 8" Sweep.	Each.....	\$6.00
772—10" " "	" .....	6.05
771—12" " "	" .....	6.30
770—14" " "	" .....	6.45
769—16" " "	" .....	6.80

## COMBINED BRACE AND BREAST DRILL



No. 182 Millers Falls

Quickly converted from one to the other by means of one thumb screw.

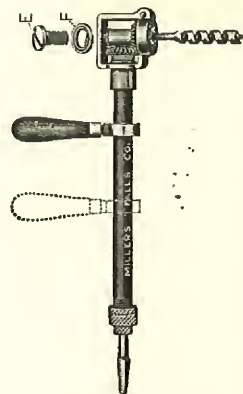
Master chuck takes regular bit shanks, round shanks from  $\frac{1}{8}$  to  $\frac{1}{2}$ " and No. 1 Morse Taper Shanks.

Gear ratio 3 to 1. Ball-bearing head. Gear painted red, other parts nickel plated.

No. 182—10" Sweep.	Each.....	\$8.35
--------------------	-----------	--------

## SILL BORER OR JOIST TOOL

No. 51



No. 51

A right angle boring tool for house-wiring, etc. It can be used with either an ordinary brace or a breast drill. The head is only  $2\frac{3}{8}$ " in depth, which permits its use in narrow spaces. Figures E and F show patent cup washer, which cannot work loose. Ball bearings with take-up nuts. Length  $16\frac{1}{2}$  inches. Weight 3 lbs. Japanned Finish.

Each .....	\$5.30
------------	--------

One in a box.

## ANGULAR BIT STOCK

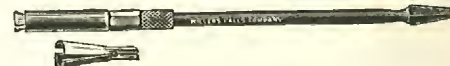


No. 108

Used with a bit brace or breast drill, it is an efficient tool for drilling at an angle. Can be used as a bit extension in straight work.

Master chuck takes bit shanks, round shanks  $\frac{1}{8}$  to  $\frac{1}{2}$ " and No. 1 Morse Taper Shank. Boring angle adjustable from 180 to 125 degrees. Steel joint and pins. Main casting Japanned. Chuck and other parts polished. Length (at 180 deg.)  $12\frac{1}{2}$ ". Weight 2 lbs. Each.....\$2.90

## BIT EXTENSIONS



No. 35 Will follow 11/16" bit or larger. It is strong enough to turn  $\frac{7}{8}$ " bit. Two-piece jaw will hold bit without wobbling. Removable jaws. Polished over all.

Length .....	12"	15"	18"	24"
Each .....	\$2.10	\$2.20	\$2.25	\$2.35



No. 1—A heavy rugged extension for plumbers and millwrights. Has master chuck, holding bit shanks, round drills  $\frac{1}{8}$  to  $\frac{1}{2}$ " and No. 1 Morse Taper Shanks. Chuck  $1\frac{1}{2}$ " in diameter. Polished over all. 18" long. Weight  $1\frac{3}{4}$  lbs. Each .....

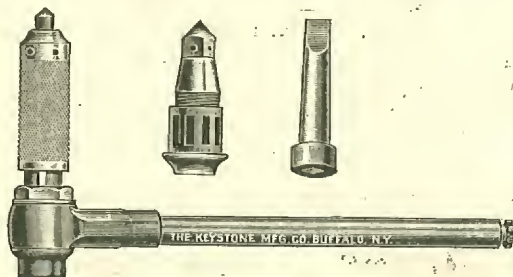
\$2.25



## DRILLING RATCHETS



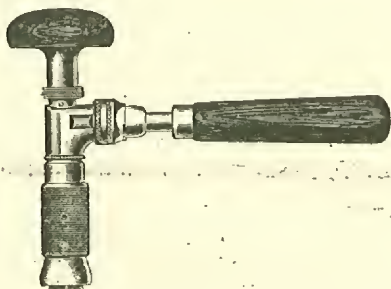
No. 32—Keystone Reversible "Boiler" Ratchet,  $1\frac{1}{2}$ " or short feed, 14" handle, height  $4\frac{1}{2}$ ". Takes  $\frac{3}{8}$ " square taper shanks. Weight 5 lbs. 2 oz. Polished finish. Each.....\$8.00



No. 52—Keystone Reversible Ratchet. Consists of Ratchet for No. 3 Taper Shank Drills, Sleeve for square shank drills and short boiler socket for square shank drills. Handle-14" long. Weight 9 lbs. Polished Finish. Each.....\$12.60



No. 20—Monarch Single Acting Ratchet. Height of head  $7\frac{5}{16}$ ". Hexagon feed nut. Length of feed  $2\frac{3}{4}$ ". Handle 12" long, takes  $\frac{5}{8}$ " square taper shank. Weight  $6\frac{3}{4}$  lbs. Black finish. Each.....\$7.50

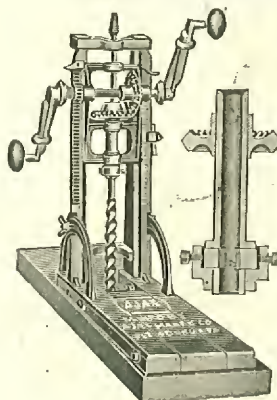
STANLEY CORNER RATCHET  
BIT BRACE

No. 982—For electricians, plumbers and gas fitters who have occasion to work close up into corners. The knurled ring between the head and the ratchet, is for starting and holding the bit with the hand that holds the head piece and so that it will not reverse when the handle is turned back. The peculiar shape of the head permits the brace to be placed close to horizontal or perpendicular surfaces. Nickel plated, ball bearing head, cocobolo head and handle. Inter-locking jaws, machined and hardened with spring for automatic release. Jaws take regular auger bit shanks. Each.....\$4.60

HAND POWER WOOD BORING  
MACHINES

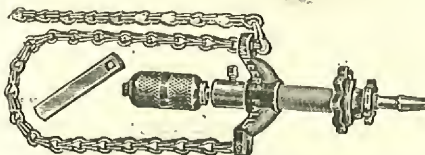
## THE AJAX

## Self Withdrawing



Will bore holes in upright position or at an angle. Will hold any kind of an auger, round or square shank. Strong and well made. Malleable castings in the important parts. It can be set to bore any depth and when required depth is reached withdraws quickly by the same motion, automatically and without stopping. It folds compactly. The arms are extensible. Price complete without augers.....\$20.00

## CHAIN DRILLS

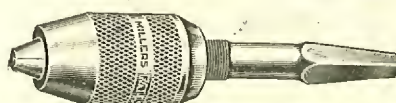


No. 718—An auxiliary tool for use with a breast drill or bit brace when extra power is needed or where pressure cannot be easily applied. The drill is automatically fed into the work by an adjustable friction feed which is automatically regulated by the resistance the drill encounters, thereby reducing drill breakage. Reverse movement withdraws drill. Hand feed can be used if desired. Four feet of chain. Master chuck which takes bit shanks, round shanks from  $\frac{1}{8}$  to  $\frac{1}{2}$ " and No. 1 Morse Taper Shanks. Length  $11\frac{1}{2}$ ". No. 718—Weight  $4\frac{1}{2}$  lbs. Each.....\$4.95

## CHUCKS

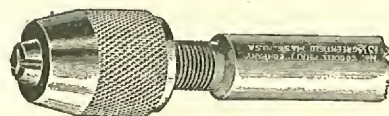
For holding round shank drills. Knurled and polished jaws are accurately machined and ground and carefully adjusted in the socket.

## BIT SHANK



Nos. 15M and 16M

No. 15M—Shell 1" diameter. Capacity 0 to  $\frac{1}{4}$ ". Each.....\$2.00  
No. 16M. Shell  $1\frac{1}{4}$ " diameter. Capacity 0 to  $\frac{3}{8}$ ". Each.....\$2.25

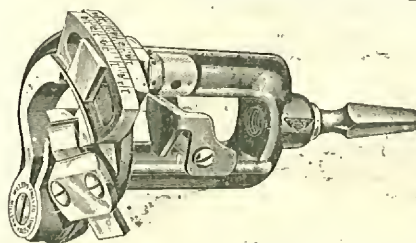


Nos. 15GP and 16GP

ROUND SHANK  
 $\frac{1}{2}$ " Diameter

No. 15GP—Capacity 0 to  $\frac{1}{4}$ ". Each \$1.80  
No. 16GP—Capacity 0 to  $\frac{1}{2}$ ". Each \$3.00

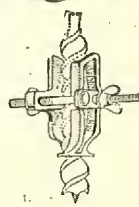
## HOLLOW AUGER



No. 3—Adjustable to cut tenons from  $\frac{1}{4}$  to  $1\frac{1}{4}$ ". Graduated index. Stop gauge to regulate length. Head casting, malleable iron. Frame enameled black and red. Bright parts polished. Bit shank for brace. Each.....\$6.75

## AJUSTABLE BIT GAUGE

## No. 49 Stanley



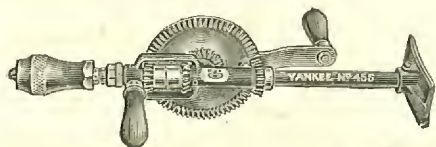
No. 49

Can be attached to any size bit up to 1 inch diameter. Two projections engage the twist of the bit so that it can be accurately set for the bit to bore any depth required. Stops on both sides of the bit insure it remaining upright when the desired depth is reached.  $2\frac{1}{2}$ " long. Nickel plated. Each.....\$9.00



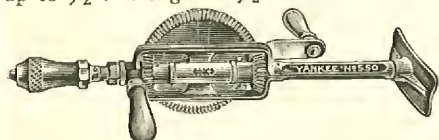
# BREAST DRILLS

## YANKEE



No. 455

Two Speed, Steel Spindle, and cut gears. Large gear 5" diam. Small gear 1 7/8" diam. Adjustable ball bearings. Malleable iron frame. Holds round or square shanks up to 1/2". Length 17 1/4".  
No. 455—With two jaw chuck. Each.....\$8.00  
No. 1455—With three jaw chuck to hold round shank drills only up to 1/2". Length 16 1/2". Each.....\$8.00



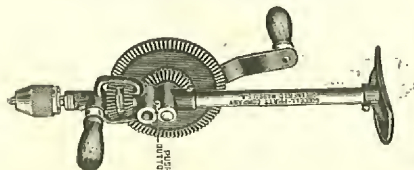
No. 550

Single speed, with right and left hand, and continuous ratchet movement. Gear shifter on cylinder between the gears. Large gear 5" diam. Small gear 1 7/8" diam. Adjustable ball bearings. Malleable iron frame. Chuck holds round or square shanks up to 1/2". Length 18".

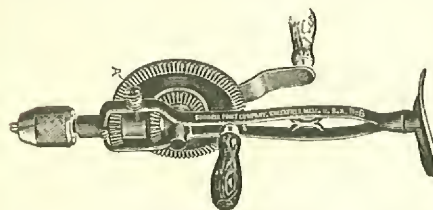
No. 550 with two jaw chuck, Each.....\$10.00  
No. 1550 as No. 550 but with three jaw chuck to hold round shank drills only up to 1/2". Length 17". Each.....\$10.00  
No. 555—Two Speed, otherwise as No. 550. Each.....\$12.50  
No. 1555—Two Speed, otherwise as No. 1550. Each.....12.50

For description of the gear and ratchet control of this line of breast drills, see hand drill page 300.

## GOODELL-PRATT

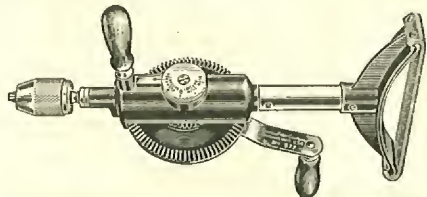


No. 246 Two Speed. To change gear, push button, which releases gear shaft. It can then be withdrawn and inserted in the other bearing. Cut gears. Working parts polished steel. Frame Japanned Iron. Ball bearing spindle. Chuck takes round shanks from 0 to 3/8". Length 16 1/2". Each.....\$4.50



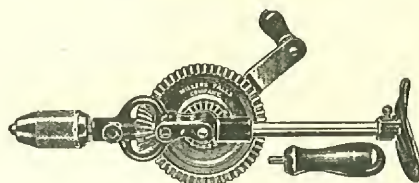
No. 6 Two Speed. Changed by turning the shifter knob, marked fast and slow. Cut gears. Malleable frame japanned finish. Large gear enameled red. Chuck all steel with three jaws for holding round shanks

0 to 1/2". Length 16". Each.....\$6.20

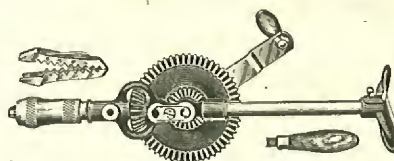


No. 677 Two Speed. Also changes from direct to ratchet action, and from right to left hand. These changes are made by simply turning the dial on back of the frame. Frame is made of aluminum alloy, strong and light weight. Cut gears, pinions enclosed, ball bearing spindle. Frame black enameled, large gear red enameled. Taut leather strap for breast plate. All steel chuck with 3 jaws for holding round shanks 0 to 1/2". Length 17". Each.....\$9.70

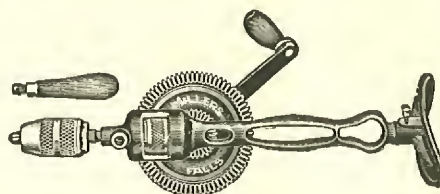
## MILLERS FALLS



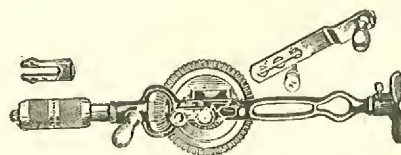
No. 120 Two Speed. Changed by releasing gear shaft with push button and inserting shaft in other bearing. A low priced drill for those who do not require the refinements of the higher priced tools. Thrust ball bearing. Frame cast iron. Cut gears. Finish black and red enamel. Three jaw chuck holds round shanks 0 to 1/2". Length 15 3/4". Each.....\$5.00



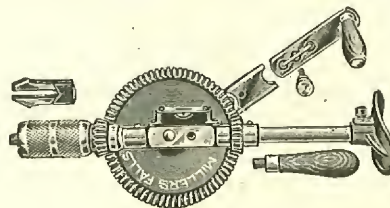
No. 19 Same as No. 120 except has two jaw alligator chuck for bit shanks only. Length 18". Each.....\$5.50



No. 2100 Two Speed. Speed is changed by slightly rotating the knurled ring without removing drill from the work. Gear ratios even, and 3 to 1. Malleable frame and large gear in black and red. Cut gears. Protected steel pinions. Machined parts polished. Three jaw chuck with protected spring. Capacity 0 to 1/2" round shanks. Length 17 1/2". Each.....\$6.50



No. 12 Two Speed. Changed by pressing spring and shifting large gear to other bearing. Ball bearing. Extensible crank handle. Cut gears. Idler roller to equalize bearing. Adjustable breast plate. Malleable frame. Level attached. Frame and gear enameled black and red. Machined parts nicked. "Master" chuck which holds bit shanks, round shanks 1/8 to 1/2", and No. 1 Morse taper shanks. Length 17 1/2". Each.....\$5.75



No. 13 Single Speed. The feature of this drill is the extra large main gear, diam. 6", which gives a speed 4 1/2 to 1. It is especially desirable where rapid drilling is essential. Ball thrust bearing. Cut gears. Solid steel frame with level attached. Adjustable breast plate. Frame and chuck nickel plated. "Master" two jaw chuck holds bit shanks, round shanks 1/8 to 1/2" and No. 1 Morse Taper Shanks. Length 15". Each.....\$7.50

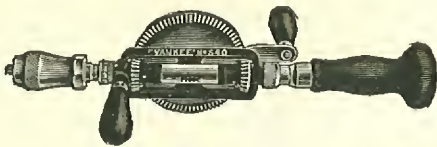


HAND DRILLS

YANKEE

With Right and Left Hand and Continuous Ratchet Movements

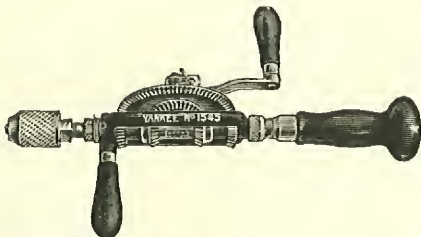
The mere sliding of the shifter, located on the cylinder between the gears, causes the tool to perform different movements. In first notch, plain right and left drill; second notch, it becomes a left hand ratchet; third notch, a right hand ratchet. In the fourth notch the slightest movement in either direction turns drill to right. A time saver in corners. In the fifth notch the spindle is locked tight so chuck can be readily opened.



No. 540

Drills in this group are Single Speed. Hardwood handle is hollow and unscrews, making a magazine for small drills. Large gear 4 1/2" diam. Ball bearing steel spindle. Cut gears. Chuck nickel plated. Frame malleable. Dead black finish. Crank 4" long.

- No. 540 with chuck for round or square shanks up to 3/8". Length 16 1/2". Each.....\$8.50
- No. 1540 with 3 jaw chuck to hold round shanks only up to 3/8". Same chuck as No. 1545 below. Length 16". Each.....\$8.50
- No. 1530, Same construction as No. 1540 but smaller through-out. Length 10 1/2". Chuck for round drills up to 3/16". Each \$5.50

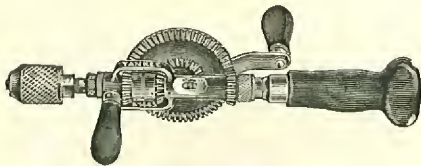


No. 1545

These two drills are Double Speed. Speed is changed by shifting lever on crank hub; in other respects they correspond to Nos. 540 and 1540 respectively, described above.

- No. 545 with chuck for round or square shanks up to 3/8". Length 16 1/2". Each.....\$10.00
- No. 1545 with chuck for round shanks only up to 3/8". Length 16". Each.....\$10.00

Without Ratchet

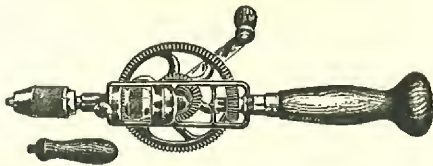


No. 1445

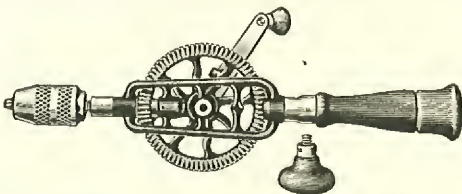
These two drills are Double Speed. Large gear is 4" in diam. and crank 3 3/4" long. Description of No. 540 above otherwise applies, except it will be noted the two drills are without ratchet.

- No. 445 with chuck for round or square shanks up to 3/8". Length 15 3/4". Each.....\$7.00
- No. 1445 with chuck for round shanks only up to 3/8". Length 15". Each.....\$7.00

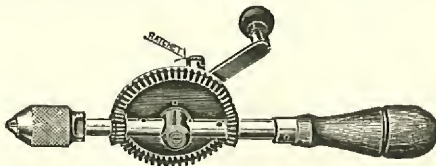
MILLERS FALLS



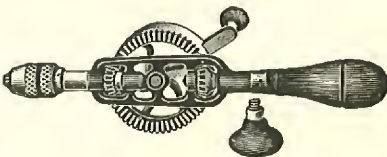
No. 980 Two Speed. Gear ratio 1 1/2 to 1 and 4 to 1. A half turn of knurled barrel changes speed instantly without removing drill from work. Malleable frame, enameled black, cut gears. Ball thrust bearing on spindle. Large gear enameled red. Enclosed pinions. Solid handle. Length 15 3/4". Weight 3 1/8 lbs. Three jaw chuck holds 0 to 3/8" round drills. Each.....\$5.50



No. 2 Single Speed. Gear ratio 4 1/2 to 1. Eight wood boring points are included and contained in the hollow cocobolo wood handle. Cut gears and pinion. Ball thrust bearing. Malleable frame, enameled black. Large gear nicked and enameled red; other metal parts nicked. Three jaw chuck holds round shank drills 0 to 3/8". Length 14 1/2". Each.....\$4.75



No. 315 Single Speed, ratchet action. Drilling in cramped quarters, even where there is but an inch or so of space to move the crank handle, is easy for this tool. Good for light automobile repair work. Ratchet operated by boss on crank handle. Large gear enameled red, steel frame and other parts nickel plated. Cut gears and pinions. Hollow end handle for drill points. Three jaw chuck with protected springs holds round shanks 0 to 1/4". Length 11 1/2". Each.....\$4.00

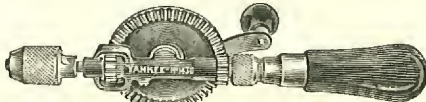


No. 5 Single Speed. Wide rim on large gear can be firmly held between the thumb and finger for delicate work. Double pinions make it very smooth in action. Eight wood boring points included and contained in

hollow cocobolo handle. Ball thrust bearing. Cut gears and pinion. Large gear enameled red with nickel rim. Malleable frame, black enameled; other parts nicked. Three jaw chuck for round shanks 0 to 1/4". Length 12 1/2". Each.....\$3.70

YANKEE

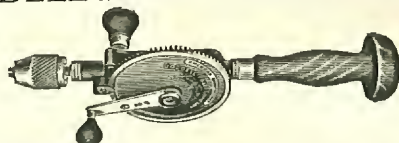
Without Ratchet



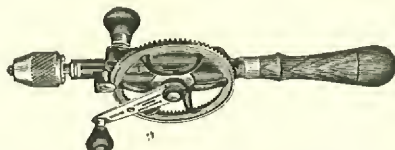
No. 1430 Single Speed. A light inexpensive Yankee hand drill. Steel spindle. Cut gears, plain bearings, malleable frame, dead black finish. Large gear 3 1/8" diam. Crank 2 3/4" long. Hollow handle unscrews to hold drills. The 3 jaw chuck holds round shanks up to 3/16". Length 10 3/4". Each.....\$4.00



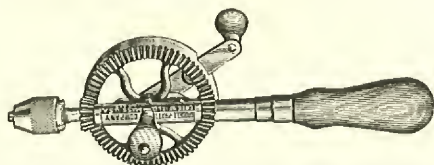
## GOODELL-PRATT HAND DRILLS



No. 1616 Single Speed. Large head permits use as breast drill. Frame aluminum alloy. Enclosed pinion. Cut gear and pinion. Ball thrust bearing on spindle. Frame black enameled. Large gear red enameled. The 3 jaw chuck takes round shanks from 0 to  $\frac{3}{8}$ ". Length  $14\frac{1}{2}$ ". Weight 2 lbs. Each.....\$4.50

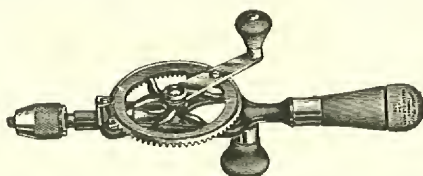


No. 1515 Single Speed. Has hollow handle and 8 drill bits are included and contained in the handle. Wheel is open. In other respects this drill is same as No. 1616 above. Note shape of case back of wheel permits of holding it instead of the knob if desired. Each.....\$4.50

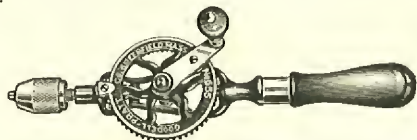


No. 487 Single Speed. Frame all steel, nickel plated. Cut gear and pinions. Large gear enameled red with a wide polished rim for rotating with the hand on delicate work. All steel 3 jaw chuck for round shanks 0 to  $\frac{1}{4}$ ". Length  $11\frac{3}{4}$ ". Each.....\$3.50

No. 329 Identical with No. 487 except has regular rim on large gear. Each.....\$3.50



No. 379 Single Speed. Has hollow rosewood handle with screw cap and 8 wood drill bits are included and contained in the handle. Frame malleable, black enameled. Cut gear and pinion in white nickel finish. All steel chuck with 3 jaws for round shanks 0 to  $\frac{1}{4}$ ". Length  $11\frac{1}{2}$ ". Each.....\$3.50

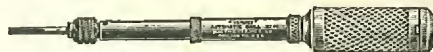


No. 655. This is high quality at a low price, where a light plain hand drill is sufficient. Single Speed. Cut gear and pinion. Large gear finished in polished nickel and red enamel. Malleable frame black enameled. All steel 3 jaw chuck for round shanks 0 to  $\frac{1}{4}$ ". Length  $11\frac{3}{4}$ ". Each.....\$2.00

## AUTOMATIC DRILLS

Used for quickly boring holes for nails and screws in wood. Can be used in inaccessible places where awls and gimlets will not reach or cannot be turned. The drill point is revolved by pushing down on the handle. A spring inside the tool forces the handle up and ready to be pushed down again. A single push causes several revolutions of the bit and the drilling operation is very rapid. Will not split the wood.

### YANKEE



No. 41—Made of steel and brass, nickel plated and buffed. Has eight drill points  $\frac{1}{16}$  to  $\frac{1}{4}$ " by 64ths. Each of these drills is in plain view in its own compartment when the magazine handle is open. Knurled collar at base of handle locks magazine in closed position. Return movement of handle reverses the drill action to clear the chips. The chuck is quick and positive and holds the bit in true alignment. Length including drill point  $11\frac{3}{8}$ ". Each.....\$3.00

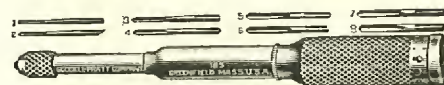


No. 44—Same as No. 41 but with adjustable spring tension. A very desirable feature when changing from soft to hard wood or vice versa. In other automatic drills a spring of average strength is used. In the No. 44 the spring is made stronger or weaker by turning a screw in the end of the handle. The magazine also opens at the bottom instead of the top as in No. 41. Each.....\$3.50



No. 43 is a "Yankee" drill designed for light work and sells at a lower price than other automatic drills. There is no magazine for points. Only 3 drill points are furnished with this tool,  $\frac{1}{16}$ ",  $\frac{1}{8}$ " and  $\frac{3}{32}$ ", and it is intended only for use with the small sizes requiring light spring pressure. Breakage of small sizes of points is reduced by using them in this small drill. Wood head, nickel plated. Length  $10\frac{3}{4}$ ". Each.....\$1.50

## GOODELL-PRATT

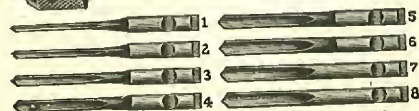


No. 185—Made of drawn brass tubes and nickel plated. The center nut, the most important part of the tool, is very hard brass and will give long service. Magazine has drill gauge and will eject only one of its 8 drill points at a time. Point sizes from  $\frac{1}{16}$  to  $\frac{1}{4}$ ". Length 10". Each.....\$3.00

## EXTRA DRILL POINTS AND SPIRAL SCREW DRIVER CHUCK

### For Automatic Drills

Carried in sets of 8, one of each size from  $\frac{1}{16}$  to  $\frac{1}{4}$ ", also carried in the individual sizes, packed 12 of a size in a package. See page 304 for spiral screw drivers.



	Drills Each	Drills Per Set of 8	Chuck With 8 Drills
Yankee.....	\$ .10	\$ .75	\$1.00
Goodell-Pratt.....	.12	.75	1.00
Miller Falls.....	.12	.75	1.00

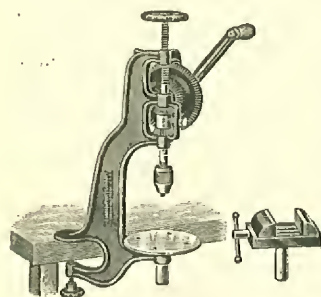


## BENCH DRILLS

## No. 9½

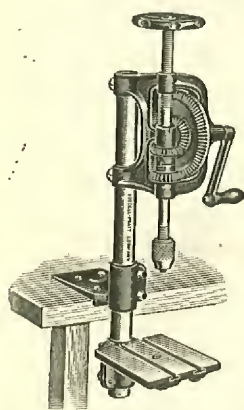
Cast iron frame. Hand feed. Cut gears and pinions. Two speeds, which are changed by turning the knurled knob on the side of the frame. Table has turned and polished top and is adjustable vertically. Chuck all steel with 3 jaws for round shanks 0 to 3/8". Eight fluted drills with each machine. Vise for use in place of table is included. Height 18". Weight 22 lbs. Enameled black and red.

No. 9½. Each.....\$16.00



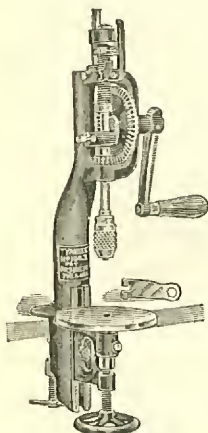
## No. 10½

All working parts are clamped on a steel tube 1½" diam. x 24" long. Two Speed, changed by turning shifter knob in rear. Hand feed screw. Gears and pinion are cut. Table is 6x6½", milled and T slotted, adjustable sidewise and up and down or can be taken off. The vise shown is included and fits into the slots in the table. Jaws of vise are 2¼" wide and opens 2". A set of centers for supporting work is also included, a 5/8" point center, a 1" cup center and a 1" V center. These centers fit into the hole in the center of the table. A three jaw chuck for round shanks up to ½" diam. Finished in black and red enamel. Weight 33½ lbs. Each.....\$28.25



## No. 1003—Single Speed

Geared 3½ to 1. Cut gear and pinion. Friction feed. Feeds automatically all drills from No. 54 to ¼" without risk of breakage. Feed can be thrown off when desired. The 3 jaw chuck holds round shanks up to ¼". Table bracket and table are adjustable vertically. Center of chuck to post 2½". Greatest distance chuck to table 5", but table can be entirely removed. Small lever locks spindle for tightening chuck. Total height 18¾", of which 14½" is above the bench. Net weight 10¼ lbs. Finish dead black. Each.....\$15.00



## No. 1005—Two Speed

This drill is larger than No. 1003 and has two speeds, but in other respects is exactly the same design. The speed is quickly changed by moving the shifter button on the spindle or spindle may be locked by same button. The three jaw chuck holds round shanks to ½" diam. Automatic friction feed, 6" crank. Table has 5" vertical adjustment. Table is 6¾" diam. Center of chuck to post 3½". Greatest distance chuck to table 7½", but table can be entirely removed. Total height 28". Net weight 29 lbs. Finish dead black. Each.....\$25.00

## CHAMPION POST DRILL PRESSES

## HAND POWER

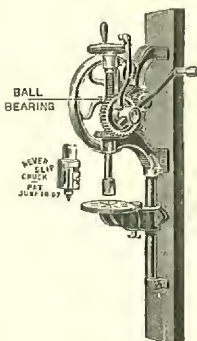
## No. 103

## Single Speed

## Self Feed—Ball Bearing

## Specifications

Drills to center of a 12" circle. Drills holes up to ¾" diameter. Chuck takes ½" round shanks only. Spindle 5/8" diameter, feeds 3". Greatest distance table to chuck 8¾". Total height of drill 33". Table can be swung aside or removed and work supported from the floor. Table is lathe turned and slotted. "Never Slip" Chuck. Hand Feed can be used when desired. Spindle has end thrust ball bearing. Weight 60 lbs. Each \$12.00



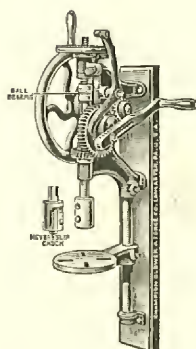
## No. 101

## Single Speed

## Self Feed—Ball Bearing

## Specifications

Drills to center of 12" circle. Drills holes up to ¾" diam. Chuck takes ½" round shanks only. Spindle 7/8" diameter, feeds 3". Greatest distance table to chuck 8¾". Total height of drill 35". Table can be swung aside or removed and work supported from the floor. Table is lathe turned and slotted. Bearings are ground out of the solid metal. No babbitt is used. Hand feed can be used when desired. Spindle has end thrust ball bearing. "Never Slip" Chuck. Weight 80 lbs. Each .....\$15.00



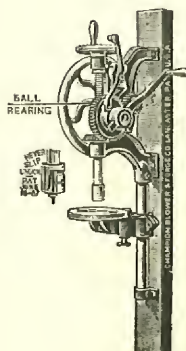
## No. 98

## Single Speed

## Self Feed—Ball Bearing

## Specifications

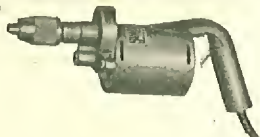
Drills to center of a 14" circle. Drills holes up to 1" diameter. Chuck takes ½" round shanks only. Spindle 1" diam., feeds 3". Greatest distance table to chuck 10". Total height of drill 40". Table can be swung aside or removed and work supported from floor. Table is lathe turned and slotted. Bearings are ground out of the solid metal. No babbitt is used. Hand feed can be used when desired. Spindle has end thrust ball bearing. "Never Slip" Chuck. Weight 100 lbs. Each .....\$17.00





## SPEEDWAY PORTABLE ELECTRIC TOOLS

### PORTABLE DRILL TYPE No. 50

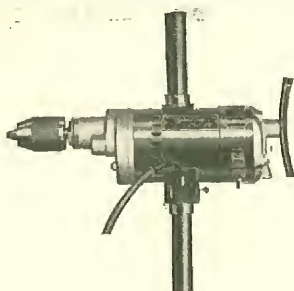


Drills  $\frac{1}{4}$ " in steel. Pistol grip with switch under finger. Universal motor. Bronze bearings.

This drill is small and compact, but very sturdy and strong. Weighs 5 lbs. Will drill up to  $\frac{1}{4}$ " in steel and  $\frac{1}{2}$ " in wood. Attaches to any socket.

Price 110 volt model.....\$22.25  
Price 220 volt model.....26.00

### PORTABLE DRILL TYPE No. 60

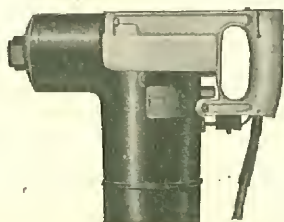


Drills  $\frac{1}{2}$ " in steel. Equipped with 8 ft. lead cord, double plug, side handles, chucked for straight shank drill bits 0 to  $\frac{1}{2}$ ".

Just the drill for garage, machine shop, contractors and installers. Sturdy, yet weighs only 11 $\frac{3}{4}$  pounds. Attached to any light socket.

110 volt model. Price.....\$58.00  
220 volt model. Price.....61.00

## ELECTRIC PORTABLE HAMMER TYPE No. 6



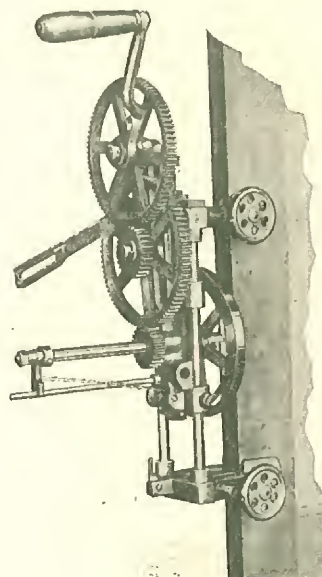
Strikes 1800 blows a minute. Will drill a 1" hole in average concrete to the depth of 2 inches per minute. Just the hammer for contractors, installers of machinery, elevators, carrier systems and seating companies.

Equipment includes 8 ft. lead cord and plug, switch in handle, punch and one drill, size as selected. Operates from any lighting socket. Easily taken to the job. Weighs 26 lbs.

Price 110 volt model.....\$222.00  
Price 220 volt model.....226.00

## THE PITTSBURGH LOCK MORTISERS

There are two types of this mortiser, one for hand operation and other is motor driven.



The Pittsburgh Mortiser is built very strong and is not easily broken. It is positive in action and will cut through knots and end wood.

It is self centering on the door. Just tighten up the clamp screws, and the bit will always center on the thickness of the door.

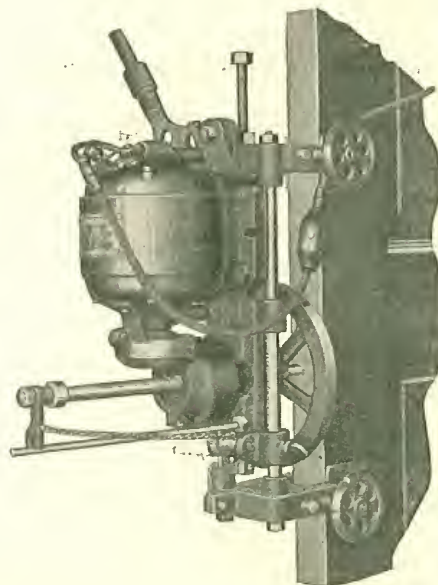
Screw adjustment for length and depth of mortise.

Machine cut gears. All wearing parts are machined and hardened.

Cutters are made of high grade tool steel, especially treated for the severe use to which they are put.

With each machine two cutters are furnished, which may be selected from the following list of widths:  $\frac{5}{8}$ ,  $1\frac{1}{8}$ ,  $\frac{3}{4}$ ,  $1\frac{3}{8}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{8}$  and  $1\frac{1}{4}$ ".

The minimum and maximum capacities of these machines are as follows:  
Width  $\frac{5}{8}$  to  $1\frac{3}{8}$  inches.  
Depth, 0 to  $4\frac{3}{4}$  inches.  
Length, from round hole to 6 inches.



The counter mortise for the front plate of the lock is made by substituting a wider cutter than used for the deep mortise.

The Chips clear themselves, through the spiral grooved, hollow shaft.

The machine feeds  $\frac{1}{16}$ " each time the lever arm is raised.

The hand machine will pay for itself in saving of time on one job of 200 doors.

It will always cut a mortise parallel with the face of the door and thereby avoid one kind of lock trouble.

The Hand Machine, weight 30 lbs. Price.....\$60.00

The Motor Driven Machine is equipped with a  $\frac{1}{8}$  Horsepower Electric Motor geared directly to the counter shaft. Gears are well protected. Connect to a light socket. Will cut a mortise in two minutes. Price.....\$125.00

Extra Cutters, all sizes, Each.....3.50



SCREW DRIVERS

No. 20 STANLEY HURWOOD



Blade, Shank and Head one piece of tempered steel, with pin driven through shank and handle. Fluted stained black hardwood handle with steel head.

No. 20, in.....	2½	3	4	5	6	8	10	12
Over all in.....	6½	8	9	10½	11¾	15	17	19
Diameter .....	3/8	7/16	1/4	5/16	3/8	7/8	1	1 1/8
Each .....	\$0.30	0.35	\$0.40	\$0.50	\$0.60	\$0.70	\$0.90	\$1.05

Six in a box.

No. 70 STANLEY

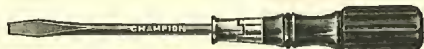


In this screw driver the blade has two ears swedged on the end in the handle and the blade is also pinned through the shank and handle, but blade does not form head. Fluted stained red hardwood handle. Dimensions same as No. 20 above.

No. 70, in.....	2½	3	4	5	6	8	10	12
Each .....	\$0.25	\$0.30	\$0.35	\$0.40	\$0.50	\$0.60	\$0.70	\$0.85

Six in a box.

GENUINE CHAMPION—REGULAR



Every blade tested to split a screw. Blade shrunk in to bolster and passes nearly through the handle. Handle is fluted and stained hardwood.

Blade, in.....	3	4	5	6	7	8
Each .....	\$0.45	\$0.50	\$0.55	\$0.60	\$0.65	\$0.75

Six in a box.

GENUINE CHAMPION ELECTRICIANS



Thinner blades and tips than the Regular Champion and made in intermediate sizes. Indispensable for delicate work that is hard to reach.

Blade, in.....	2½	3½	4½	5½	6½
Each .....	\$0.40	\$0.45	\$0.50	\$0.55	\$0.60

Six in a box.

SCREW DRIVER BITS

For use in a Brace



Forged from Crucible Steel, oil tempered and polished. Size given is width of tip.

No. 26, in.....	¼	5/16	3/8	7/8	½
Each .....	\$0.30	\$0.30	\$0.30	\$0.35	\$0.35

Six in a box.

OFFSET SCREW DRIVER



No. 579—Forged from 3/8" Octagon Tool Steel, hardened and tempered. Length 8". Each.....\$0.70

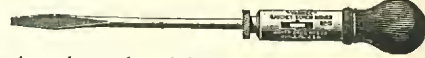
RATCHET SCREW DRIVERS

YANKEE

No. 10



No. 15



Right and Left Hand and rigid. Adjustment is made by the shifter in the shank. The No. 15 differs from No. 10 in having a thinner blade with knurled thumb nut on the blade, permitting the blade to be rotated with thumb and finger of hand holding the handle, a desirable feature in starting screws.

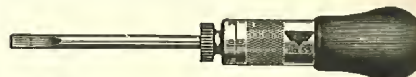
No. 10 Blade, in.....	3	4	5	6	8	10
Each .....	\$0.90	\$0.95	\$1.05	\$1.20	\$1.35	\$1.65
No. 15 Blade, in.....	3	4	5	6	8	10
Each .....	\$0.85	\$0.90	\$0.95	\$1.00	\$1.10	\$1.20

MILLERS FALLS

No. 63



No. 55



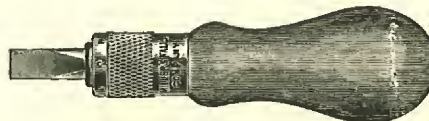
Right and Left Hand and rigid. Adjustment is made by turning shifter ring on shaft.

No. 55 differs from No. 63 in having a thinner blade with knurled thumb nut on the blade for rotating with thumb and forefinger in starting screws.

No. 63 Blade, in.....	3	4	5	6	8
Each .....	\$0.80	\$0.90	\$1.00	\$1.10	\$1.25
No. 55 Blade, in.....	3	4	5	6	8
Each .....	\$0.75	\$0.85	\$0.90	\$0.95	\$1.10

One in a box.

No. 59



A short and heavy ratchet screw driver. Very strong. Right and left hand and rigid. Full length 6¼". Each.....\$1.00

SPIRAL RATCHET SCREW DRIVERS

Right and Left. Also can be made rigid in the closed or extended positions. Each tool includes 3 bits of different widths and thicknesses.

YANKEE



Regular Type.		Length with bit.		Each
No. 30A	Standard size.	Length closed	13½"	\$3.35
31A	Large	"	17½"	4.50
35	Small	"	7"	2.50
Quick Return (Spring in handle)		Length with bit.		Each
No. 130A	Standard size.	Length closed	15"	\$3.85
131A	Large	"	19¾"	5.20
135	Small	"	10"	3.00

MILLERS FALLS

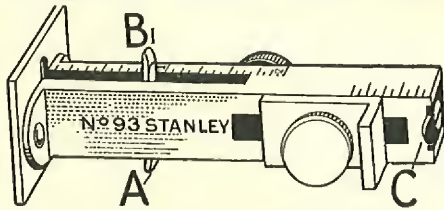


Regular Type		Length with bit		Each
No. 61	Standard size.	Length closed	14¼"	\$3.10
62	Large	"	17¼"	4.15
67	Small	"	9¾"	2.30
Automatic Return (Spring in handle)		Length with bit		Each
No. 610	Standard size.	Length closed	14¼"	\$3.50
620	Large	"	17¼"	4.75
670	Small	"	9¾"	2.75

One in a box.



## STANLEY BUTT GAUGES

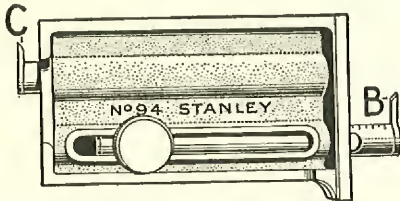


No. 93—For Rabbeted Jambs or Nailed Strikes. For rabbeted jambs, Cutter "A" marks from the jamb in the rabbet, Cutter "B" from the edge of the door engaged in closing, Cutter "C" the thickness of the butt.

For nailed on strikes, Cutter "B" marks for the butt on both door and jamb, Cutter "C" the thickness of the butt.

Can also be used as a Marking and Mortise Gauge.

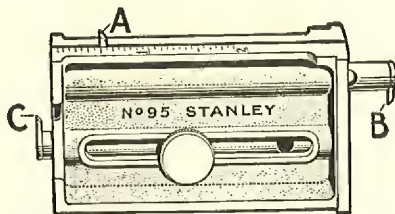
No. 93 has Steel Head, Brass Slide Nickel Plated. Graduated in 16ths of an inch for 2 inches. Each.....\$1.55



No. 94—For Rabbeted Jambs, Cutter "A" marks from the jamb in the rabbet, Cutter "B" from the edge of the door engaged in closing, Cutter "C" the thickness of the butt. For nailed on strikes, Cutter "B" when reversed marks for the butt on both door and jamb, Cutter "C" the thickness of the butt.

It can also be used as a Marking and Mortise Gauge, and as an inside or outside Square for squaring the edge of the butt on either door or jamb.

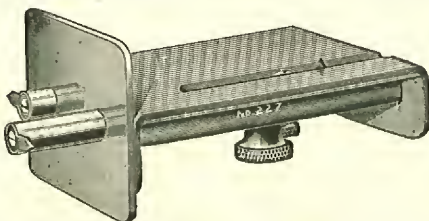
No. 94 Nickel Plated. Graduated in 16ths of an inch for 2 inches. Each.....\$1.75



No. 95—For Rabbeted Jambs, Cutter "A" marks from the jamb in the rabbet, Cutter "B" from the edge of the door engaged in closing, Cutter "C" the thickness of the butt. It can also be used as a Marking and Mortise Gauge, and as an inside or outside Square for squaring the edge of the butt on either door or jamb.

No. 95 Nickel Plated. Graduated in 16ths of an inch for 2 inches. Each.....\$1.60

## GOODELL-PRATT BUTT GAUGE



No. 227—For door hanging and Mortise work. It is provided with three hardened double edge spurs, the one on the back of the double end bar being adjustable for the regulation of clearance. Made entirely of steel, polished and Nickel Plated. Each.....\$1.80

All one in a box.

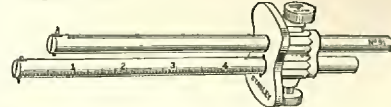
## STANLEY MARKING GAUGES

With Steel Bars and Metal Heads

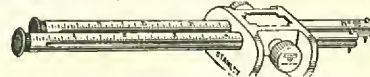
Bars are  $6\frac{1}{2}$  inches long and graduated in 16ths of an inch for five inches. These gauges are finely finished and Nickel Plated.



No. 90—Single Bar, Pin Point. Each.....\$.70



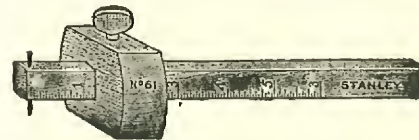
No. 91—Double Bar, Pin Point. Each.....\$1.25



No. 98—Double Bar, Pin Point one end and Roller Cutter other end of bars. Each.....\$1.75

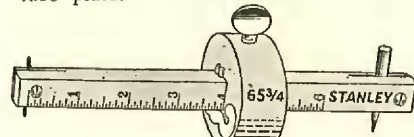
## STANLEY WOOD MARKING GAUGES

The bars are oval in form and are graduated in 16ths inches. Brass thumb screws, except No. 61.



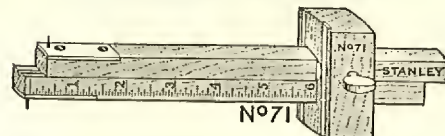
No. 61—Beech, Boxwood Screw. Each.....\$.20

No. 65—Boxwood, Brass Screw. Adjustable Point, Brass face plate. Each.....\$.90

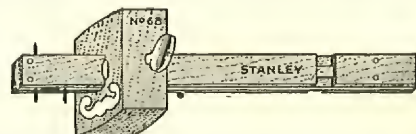


No. 65  $\frac{3}{4}$ —Boxwood, Polished Brass Screw, Adjustable Point and Pencil. Brass face plate. Each.....\$1.10

## STANLEY MORTISE AND MARKING GAUGES



No. 71—Double Bar Gauge, has two independent bars working in the same head. One pin is affixed to each bar. Polished Beech, Brass Screw. Each.....\$.95



No. 68—Slide Gauge. Slide working in the bar. One point is affixed to the slide, the other to the bar itself. Both sides of the mortise are marked at the same time. Beech, Polished, Brass Screw, Wood Slide, Brass Face Plate. Each.....\$.90



No. 77—Same type of gauge as No. 68, but made of polished Rosewood and with Brass Screw in end. Each.....\$1.65



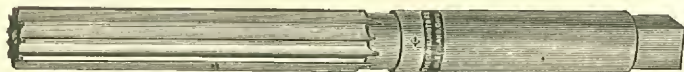
## CLEVELAND BIT STOCK TAPER REAMERS

No. 137A—Taper  $\frac{3}{4}$ " to foot

These reamers are about  $\frac{1}{16}$ " larger at the large end than the size stamped on the shank, and the point of each reamer will enter the hole reamed by the next size smaller.

Size Inches	Length of Flute In.	List Each	Size Inches	Length of Flute in.	List Each
$\frac{1}{4}$	$1\frac{7}{8}$	\$.60	$\frac{3}{8}$	$2\frac{3}{4}$	\$ .95
$\frac{5}{16}$	2	.60	$\frac{1}{2}$	3	1.10
$\frac{3}{8}$	$2\frac{1}{8}$	.65	$\frac{3}{4}$	$3\frac{1}{8}$	1.25
$\frac{7}{16}$	$2\frac{1}{4}$	.70	$\frac{7}{8}$	$3\frac{1}{2}$	1.75
$\frac{1}{2}$	$2\frac{1}{2}$	.75	1	4	2.25
$\frac{9}{16}$	$2\frac{3}{4}$	.80			

## CLEVELAND HAND REAMERS



No. 128A Carbon Steel, Eccentric Flutes

Diameter Inches	Length of Flute Inches	Length Overall Inches	List Each
$\frac{1}{4}$	$2\frac{1}{8}$	4	\$1.40
$\frac{5}{16}$	$2\frac{1}{4}$	$4\frac{1}{2}$	1.50
$\frac{3}{8}$	$2\frac{1}{2}$	5	1.60
$\frac{7}{16}$	$2\frac{3}{4}$	$5\frac{1}{2}$	1.75
$\frac{1}{2}$	3	6	1.90
$\frac{9}{16}$	$3\frac{1}{4}$	$6\frac{1}{2}$	2.00
$\frac{5}{8}$	$3\frac{1}{2}$	7	2.20
$\frac{11}{16}$	$3\frac{3}{4}$	$7\frac{3}{4}$	2.40
$\frac{3}{4}$	$4\frac{1}{8}$	$8\frac{3}{8}$	2.60
$\frac{7}{8}$	$4\frac{1}{2}$	$9\frac{1}{8}$	2.80
$\frac{15}{16}$	$4\frac{7}{8}$	$9\frac{1}{2}$	3.10
1	$5\frac{1}{8}$	$10\frac{1}{4}$	3.40
	$5\frac{1}{4}$	$10\frac{7}{8}$	3.70

Intermediate sizes of No. 128A. Reamers by 64ths of an inch can be furnished from factory.

## CLEVELAND QUICKSET ADJUSTABLE REAMERS



No. 148—As indicated, each reamer expands to the smallest size of the next larger reamer, thereby eliminating intermediate size tools.

Size	Dimensions	Length Overall	List Each
A	$\frac{1}{32}$ to $\frac{1}{16}$	$5\frac{1}{2}$ "	\$4.50
B	$\frac{1}{16}$ " $\frac{1}{8}$	$5\frac{3}{4}$ "	4.50
C	$\frac{1}{8}$ " $\frac{1}{4}$	$6\frac{1}{2}$ "	4.75
D	$\frac{1}{4}$ " $\frac{3}{8}$	$6\frac{3}{4}$ "	4.75
E	$\frac{3}{8}$ " $\frac{1}{2}$	7 "	5.00
F	$\frac{1}{2}$ " $\frac{5}{8}$	$7\frac{3}{8}$ "	5.00
G	$\frac{5}{8}$ " $\frac{3}{4}$	8 "	5.50
H	$\frac{3}{4}$ " $1\frac{1}{8}$	9 "	5.80

## CLEVELAND TAPER PIN REAMERS

No. 137 Tapers  $\frac{1}{4}$ " to ft.

Size No.	Diam. Small End In.	Length Flute In.	List Each
0	.127	$1\frac{3}{8}$	\$1.00
1	.146	$1\frac{3}{4}$	1.00
2	.162	2	1.25
3	.183	$2\frac{1}{4}$	1.50
4	.208	$2\frac{1}{2}$	1.75
5	.240	3	2.00
6	.279	$3\frac{3}{8}$	2.25

No. 30 Set. Six sizes, 0, 1, 2, 3, 4, 5 in a screw top, wood case.  
List per set.....\$9.50

DRILLS AND COUNTERSINKS  
COMBINED

No. 98 Carbon Steel

The drill ends are both of the same diameter. The included angle of the countersink is 60 degrees.

Size	Diameter of Body Inches	Diameter of Drill Inches	List Each
E1	.301	$\frac{3}{32}$	\$ .35
E2	.301	$\frac{1}{8}$	.35
F1	$\frac{1}{8}$	$\frac{3}{16}$	.45
F2	$\frac{7}{16}$	$\frac{3}{8}$	.45

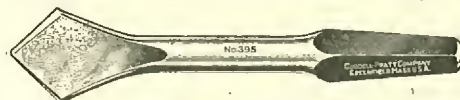
Six in a box.

## SQUARE REAMER FOR BRACE



No. 397—Hammer forged, carefully hardened, polished and tempered to a straw color. Length over all  $6\frac{1}{2}$  inches.  
Each .....\$ .80

## FLAT COUNTERSINK FOR BRACE



No. 395—Length over all  $4\frac{1}{4}$ ". Blade  $\frac{3}{4}$ " diameter.  
Each .....\$ .50

## ROSE COUNTERSINK FOR BRACE



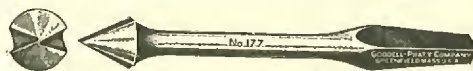
No. 396—Extreme diam:  $\frac{3}{4}$ ". Each.....\$ .50

## METAL COUNTERSINK FOR BRACE



No. 178—One cutting edge. Length about 4". Extreme diameter  $\frac{1}{2}$ ". Each.....\$ .50

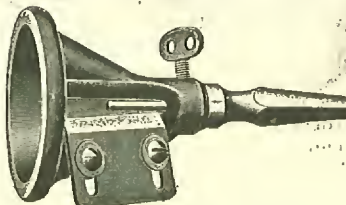
## WOOD COUNTERSINK FOR BRACE



No. 177—Two cutting edges. Length about 4". Extreme diameter  $\frac{1}{2}$ ". Each.....\$ .50

Countersinks six in a box.

## SPOKE TRIMMERS FOR BRACE



Adjustable knife sharpened and ready for use. Bit shank.

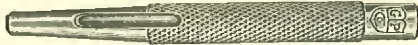
No. 101 will trim  $1\frac{7}{8}$ " round or  $1\frac{5}{8}$ " square. Each.....\$1.00

No. 102 will trim 3" round or  $2\frac{1}{8}$ " square. Each.....\$1.35



## PUNCHES

## SADDLERS OR BELT HOLLOW PUNCHES



Hardened and tempered tool steel 4" long.

Size No.	1	2	3	4	5	6
Diam. hole	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{8}$	$\frac{9}{16}$	$\frac{3}{4}$
Each	\$ .35	\$ .35	\$ .35	\$ .35	\$ .35	\$ .35
Size No.	7	8	9	10	11	12
Diam. hole	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Each	\$ .35	\$ .40	\$ .40	\$ .40	\$ .45	\$ .45

Twelve in a box.

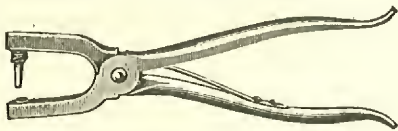
## HOLLOW ARCH PUNCHES



For cutting leather cloth and paper.

Diam. in.	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Each	\$ .95	\$ 1.15	\$ 1.25	\$ 1.35	\$ 1.50
Diam. in.	1	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	
Each		\$ 1.90	\$ 2.50	\$ 2.80	\$ 3.15

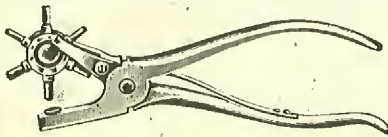
## SINGLE TUBE SPRING BELT PUNCH



Polished Steel 8" long. Drive tubes. For punching leather or cloth. Tube or hole, sizes numbered 1 to 10 and correspond with wood screw sizes, see page 201.

No. 200 Single Tube Spring Punch. Each.....\$1.00

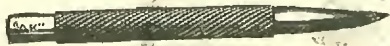
## REVOLVING TUBE BELT PUNCHES



Polished Steel 8" long. With Spring. Drive tubes. For punching leather or cloth. Tube or hole sizes correspond with gauge numbers of wood screws, see page 201.

No. 10 Four tube punch, tube sizes 4, 6, 8 and 10. Each.....\$1.50

## MACHINISTS PUNCHES



No. 166 PRICK PUNCH—Length 4 inches.			
Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Each	\$ .20	\$ .20	\$ .25



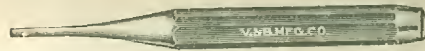
No. 991 CENTER PUNCH $\frac{3}{8}$ " diam.	Each.....\$ .25
No. 368 CENTER PUNCH, $\frac{1}{2}$ " diam.	Each......35



No. 180 SOLID DRIVE PUNCHES 4" long.			
Stock and Point	$\frac{1}{8}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Each	\$ .15	\$ .20	\$ .25

Twelve in a box.

## PIN PUNCHES



Forged from high grade octagon tool steel. About 6" long. Slight taper for clearance. Hardened, ground and tempered. With polished points.

Point Diam. in.	$\frac{3}{16}$	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{1}{2}$
Each	\$ .30	\$ .30	\$ .30	\$ .30	\$ .35

Six in a box.

## SYRACUSE NAIL SETS



Made of high grade tool steel. Knurled grip.  $\frac{1}{8}$ " diam. Blued finish.

## ROUND PATTERN

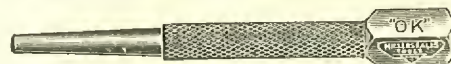
No.	91	92	93	94	Asstd.
Diam. Point	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	
Each	\$ .20	\$ .20	\$ .20	\$ .20	\$ .20

## SQUARE PATTERN

No.	91N	92N	93N	94N	Asstd.
Diam. Point	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	
Each	\$ .20	\$ .20	\$ .20	\$ .20	\$ .20

Twelve in a box.

## SQUARE HEAD NAIL SETS



Head will wear longer than the smaller round head. Will not roll when laid down and less sting to the fingers. Forged from high grade tool steel. 4" long. Knurled body  $\frac{1}{8}$ " diam.

No.	451	452	453	454	Asstd.
Diameter Point	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	
Each	\$ .25	\$ .25	\$ .25	\$ .25	\$ .25

Twelve in a box.

## TINNERS RIVET SETS



## FORGED STEEL

No.	1	2	3	4
For Rivet, Size, 1 lb.	8	6	5 & 4	3 & 2 1/2
Each	\$ .80	\$ .80	\$ .65	\$ .65

Six in a box.

## STEEL FIGURES AND LETTERS

For stamping soft steel and other materials.

## LETTERS

A set consists of the alphabet, the character "&" and a period.

Size	Per Set	Per Letter
$\frac{1}{8}$	\$3.75	\$ .20
$\frac{3}{16}$	4.40	.25
$\frac{1}{4}$	5.60	.30
$\frac{5}{16}$	6.25	.35
$\frac{3}{8}$	7.40	.40

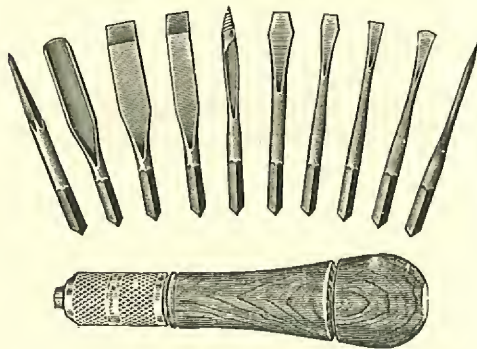
## FIGURES—9 Pieces

Size	Per Set	Per Letter
$\frac{1}{8}$	\$1.25	\$ .20
$\frac{1}{16}$	1.75	.25
$\frac{1}{4}$	2.20	.30
$\frac{1}{8}$	2.75	.35
$\frac{3}{8}$	3.25	.40

We can furnish Letters and Figures in a special grade of steel suitable for stamping tools and other hard articles. Letters and Figures are packed one set in a wood stand with cover.



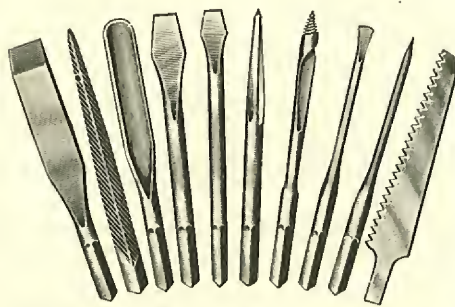
TOOL HOLDERS



No. 4 Millers Falls

Polished Cocobolo Handle. Nickel plated chuck and jaws. Length of handle 6 1/4". Ten tools, as shown, in the hollow handle. Length of tool 2 1/4". The tools are of high grade steel, carefully tempered and sharpened. Weight complete 10 oz. Each \$2.40

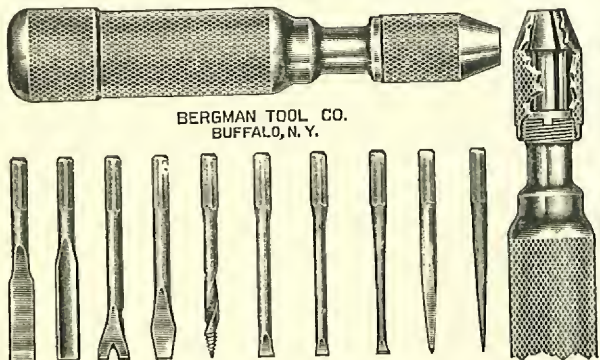
One in a box.



No. 5 Millers Falls

Polished Cocobolo Handle. Nickel plated chuck and jaws. Length of handle 7 1/2". Ten tools, as shown, in the hollow handle. Length of tools 4". The tools are of high grade steel, carefully tempered and sharpened. Weight complete 14 oz. Each \$3.30

One in a box.



No. 10 Knurled Steel, Nickel Plated Handle, containing 10 forged steel tools. Has spring steel collet and case hardened sleeve. Weight complete, 12 oz. Each \$2.00

One in a box.

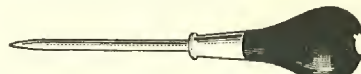
BRAD AWLS



No. 17 Blades 1, 1 1/4, 1 1/2 or 1 3/8". Lengths 4 3/4, 5, 5 1/4, 5 3/8" over all. Flat points. Blade, shank and head one piece of steel. A rivet passes through ferrule, handle, shank and blade. Handle stained black. Each \$0.35

Six assorted in a box.

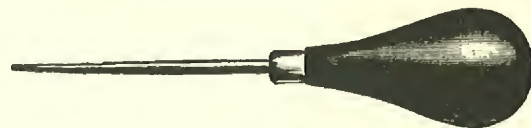
SCRATCH AWLS



No. 6 Blade 2 3/4", diameter 3/8". Length 5 7/8" overall. Needle point. Blade, shank, and head one piece of steel. A rivet passes through ferrule, handle, shank and blade. Handle stained black. Each \$0.35

Six in a box.

COMMON SCRATCH AWLS

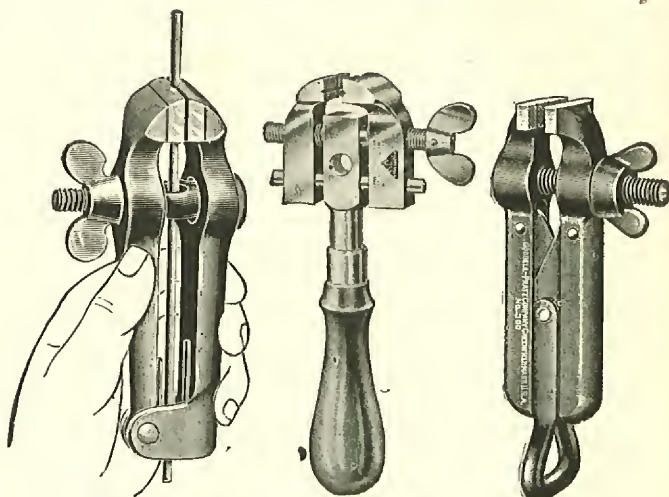


BLACK ENAMELED HANDLES

No. 25 Length overall 7 1/2". Each \$0.25  
26 Length overall 6". Each \$0.20

Twelve in a box.

HAND VISES



No. 21 No. 2 No. 360

No. 21 So constructed that any rod up to 1/4" in diameter can be run clear through it. The jaws are 1 1/4" wide and will open 1/2". Jaws are polished. Body finished in aluminum. Each \$1.00

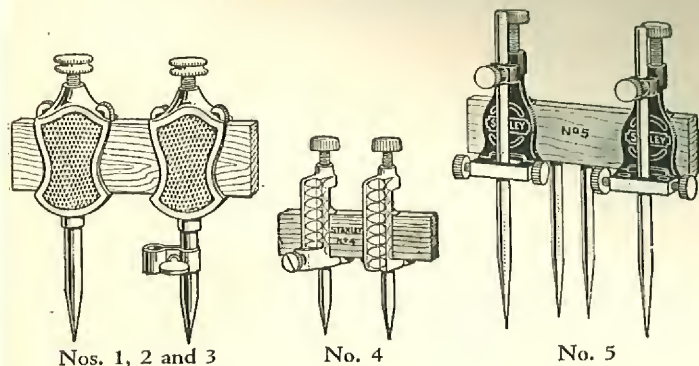
No. 2 A strong, well-made and finely finished hand vise. Handle is detachable and can be screwed into vise at right angles. Forged steel screw. Length 7". Jaws 1 1/4" wide and open 1". Weight 14 oz. Polished and Nickel Plated. Each \$4.50

No. 360 Linemans hand vise. Parallel Jaws. Note ring for hanging on belt. Jaws are drop forged steel, scored and case hardened. Jaws are 1 3/8" wide and will open 1 1/4". They are always parallel. Finished entirely in black except the polished edges of the jaws. Length 6". Weight 14 oz. Each \$3.60

One in a box.



## TRAMMEL POINTS



Nos. 1, 2 and 3

No. 4

No. 5

Used by millwrights and carpenters who have occasion to strike arcs or circles larger than can be done with ordinary dividers.

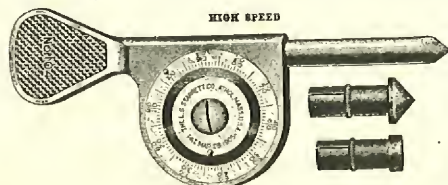
Carpenters Trammel Points with steel and lead pencil socket.

No. 1—Bronze Metal, for $\frac{5}{8}$ " straight edge.	Per set	\$1.60
2— " " " 1 " " " " "	"	2.05
3— " " " $1\frac{1}{4}$ " " " " "	"	2.80
4—Nickel Plated " $1\frac{1}{4}$ " " " " "	"	1.15

## MACHINISTS ADJUSTABLE TRAMMEL POINTS

No. 5 Nickel Plated for  $1\frac{1}{2}$ " straight edge has two long and two short points, one of each of which is adjustable, by means of a set screw. Per set.....\$3.60

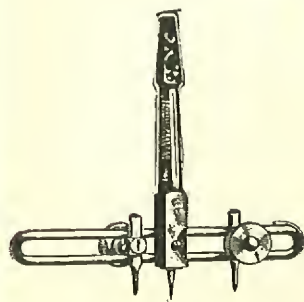
## STARRETT'S SPEED INDICATOR



May be run at high speed without heating. Dial graduated for Right or Left reading. The rotating disc is carried by friction. It can therefore be moved to the starting point, where the raised knobs coincide. Pressing the raised knob with the thumb holds the disc in this position while the hand of the time-piece gets to the right position to take the time. Releasing the pressure on the disc liberates it and it starts to rotate. At every 100 revolutions the knob on the disc may be felt passing under the thumb, thus relieving the eye, which has only to look on the watch to note the time.

No. 104—Nickel Plated, in leather case	\$3.00
Without case	1.50

## WASHER CUTTER



For cutting washers of leather, sheet packing, cloth or fibre, or even very thin sheet metal. It is strong and well made, and will cut a washer of any size from 1 to 5".

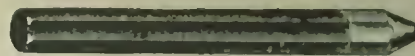
The blades are adjustable as to length of cutting edge as well as to position, and they can also be removed for sharpening.

The shank is case hardened and will fit any brace.

No. 41 Washer Cutter.	Each	\$2.10
-----------------------	------	--------

## CRAYONS

## DIXONS LUMBER CRAYONS



$4\frac{1}{2}$ " long,  $\frac{1}{2}$ " diameter, hexagon shape. Paper covered.

For marking steel, iron, concrete and stone, and lumber in all stages of preparation from the raw logs up; also for marking box cars, packing cases and heavy paper. The marks will not wash off.

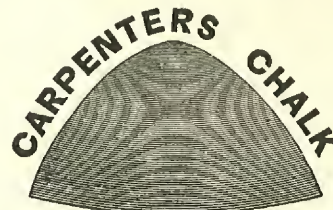
No. 365—Graphite Black, Soft	Each	\$1.10
496—Yellow	"	.15
520—Red	"	.15
521—Blue	"	.15
522—Green	"	.15

12 Crayons of one color in a box.

## Metal Worker's Crayon.

## Soap Stone Metal Workers' Crayon

Size	$5 \times \frac{1}{4} \times \frac{1}{4}$ inches	Per Piece	\$0.03
"	$5 \times \frac{1}{2} \times \frac{1}{16}$ "	"	.05
"	$5 \times 1\frac{1}{4} \times \frac{3}{16}$ "	"	.06



Carpenters Chalk is made in hemispherical shaped pieces, and packed four pieces in a box. Blue is the standard color for carpenters.

Blue, Per box of 4 pieces	\$1.15
White, " " " 4 "	.15

## CARPENTERS PENCILS



No. 807—7" Enameled.	Each	\$1.10
12 in a bundle, six bundles in a box.		

## CARPENTERS APRONS

With advertisement printed on the bib in black.

No. CL Medium weight duck. Two nail pockets and rule pocket. Strong waist strings and neck band. Copper riveted. Size 19x21". White duck. Price with your imprint:

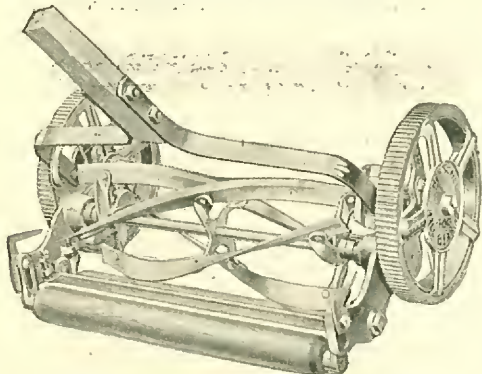
50 Aprons	Each	\$6.00
100 "	"	.50
250 "	"	.48
500 "	"	.45





LAWN TOOLS

LAWN MOWERS

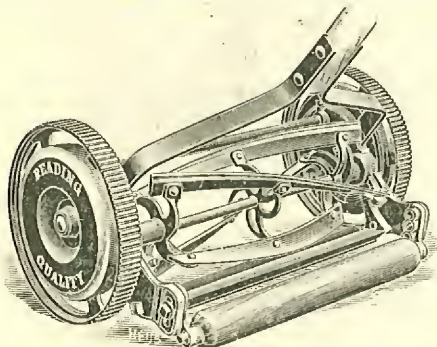


HERSCHEL BALL BEARING

Easy running, Ball Bearing of the highest grade. Four bladed reel. Lower blade or cutting bar made of crucible steel, hardened and tempered. Adjustments of bearings and cutter bar are easy and satisfactory. High Wheel. This mower is light weight and is easily handled on terraces and around flower beds.

No. 400—14" Cut, 9" Wheels.	Each.....	\$14.00
500—16" " 10" " "	" "	16.00
500—18" " 10" " "	" "	18.00

Packed in a strong wood box, handle separate.

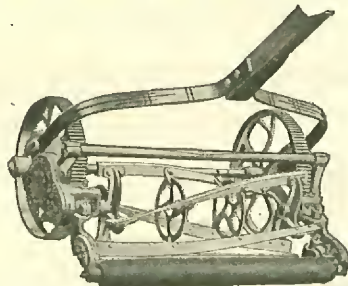


READING "QUALITY"

A good serviceable Mower, 9" wheels, 4 blade reel. Tempered cutting bar. Easy adjustment of cutter bar. Plain Bearing.

14" Quality, weight boxed 43 lbs.	Each.....	\$10.00
16" " " " 45 " "	" "	11.00

Packed in a strong wood box, handle separate.



STYLE "A" PHILADELPHIA

10" Wheel, Plain Bearings, 4-Blade Reel.		
17" Cut, Style A.	Each.....	\$30.00
19" " " " "	" "	34.00
21" " " " "	" "	37.00

Packed in a strong wood box, handle separate.

GRASS SEED

Best mixtures. 1 lb. pkgs. 5 lb. bags.

Evergreen  
Shadyspot

Price on application.



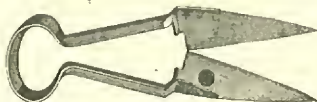
WATER WEIGHT LAWN ROLLERS

Painted Green, Red Handles  
Width 24 Inches

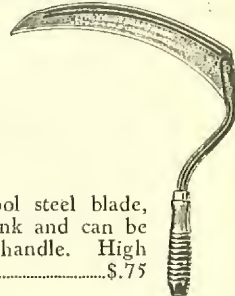
No.	Diam. Inches	Weight With Water	Price Each
3	14"	175 lbs.	\$18.00
5	18"	265 "	21.33

Weight 50% more when filled with sand.

GRASS SHEARS



GRASS HOOKS



GRASS HOOKS

No. 400—This hook has a wide, thin tool steel blade, ground sharp. It bolts to a forged steel shank and can be readily taken apart for packing. Enameled handle. High quality. Each.....\$ .75

GRASS SHEARS

No. 545—6" Blade, full polished, crucible steel blade.	Each.....	\$1.25
No. 380—5 1/2" Blade, half polished tool steel blade.	Each.....	.65
No. 09—Not illustrated. Built like a hedge shear with spring in handles. Operated with one hand. Fine for edging.	Each .....	\$1.25

SCYTHES AND SNATHS

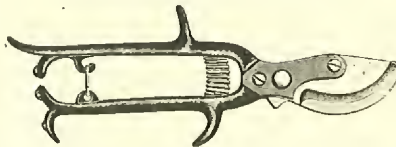
Scythes—Black finish, polished tool steel cutting edge

Grass Scythe, light weight, 30 to 32"	Each	\$3.00
Weed Scythe, heavy weight, 24 to 28"	"	2.50
Bush Scythe, extra heavy weight, 18 to 22"	"	2.50

Snaths—Second Growth Ash. Split with the grain and bent.

No. 50—Grass, Patent loop Pattern.....	Each	\$2.50
No. 100—Bush, Two Ring Pattern.....	"	2.75

PRUNING SHEARS



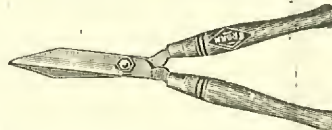
No. 77—6" Flower Pruner, unpolished.....	\$1.00
4771—9" Forged Hdl. riveted blade, unpolished	1.75
4673—9" Forged Hdl. riveted blade, polished.....	2.00

DISSTON'S HIGH GRADE PRUNING SHEARS

One piece handle and blade. Patent Tension Nut.

No. 253—8 " Polished. Each.....	\$2.50
150—8 1/2" " " .....	2.75

HEDGE SHEARS



Forged steel blades, tempered and ground. With crotch.	
6 1/2" Blade, Disston, polished.....	Each \$1.75
10 " " " " .....	" 2.75
8 " " Quaker City, unpolished.....	" 2.00

TREE PRUNERS

Spring holds jaw open. Reinforced head. 10 ft. handle. Each .....

\$3.00



## Distributors for J. R. Clancy, Inc.—Theatrical Hardware

## List of items of Stage Hardware carried in stock

*Clancy Catalogue sent on request*

## STAGE SCREWS

	Each
No. 130.....	\$ .75
230.....	.75
30.....	.35
830.....	.60
530.....	.40

## STAGE BRACES

No. 235.....	.45
--------------	-----

## CLAMP FOR EXTENSION BRACE

	Per Set
No. 33.....	\$1.00

## BRACE HOOK AND EYE

	Pair
No. 32 Malleable .....	\$ .90
132 Forged .....	2.00

## FOOT IRONS

	Each
No. 142 Hinged .....	\$ .50
42 Solid .....	.70
332 " .....	.45

## LASH CLEATS

	Each
No. 39.....	\$ .06
139.....	.07½
447.....	.04½
439.....	.09
339.....	.09
739.....	.07½
939.....	.07½

## BRACE CLEATS

No. 438.....	.09
338.....	.03
169.....	.09
138.....	.06
38.....	.06

## SCENERY REINFORCING PLATES

No. 40 Flat Corner .....	.50
41 " Tee.....	.55
1951 Angle Corner.....	.20
2051 Bracket Corner.....	.25
50 Mending Plate .....	.27
450 " " .....	.35
550 " " .....	.45

## HINGE PIN

No. 937.....	.18
--------------	-----

## SCENERY HINGES

No. 708 Pages 20 this catalogue.

## SCENERY KNOBS

	Pair
No. 359 Brown .....	\$1.00
459 White .....	1.10

## DOOR BUTTON

	Each
No. 159.....	\$ .25

## KEEPER OR "S" HOOK

No. 64.....	.12
-------------	-----

## FLOOR STAY

No. 86.....	.45
-------------	-----

## DRAPERY HANGERS

No. 477.....	.27
277.....	.15
377.....	.27
77.....	.27
177.....	.15
777.....	.15
877.....	.27
577.....	.09
677.....	.09
977.....	.06
1077.....	.06

## CURTAIN CLEW

No. 399.....	1.10
--------------	------

## FLOOR SLEEVE

No. 689-1½" .....	.40
-------------------	-----

## CARPET PINS

	Doz.
No. 382 Malleable Iron.....	1.10

## CURTAIN GUIDES

	Each
No. 70.....	.27
170.....	.45

## EYE BATTEN RING

No. 387.....	.45
--------------	-----

## DROP HOLDER

No. 257.....	1.65
--------------	------

## BELAYING PINS

No. 249.....	.35
--------------	-----

## HANGER IRONS

No. 99.....	.55
199.....	.70

## CEILING PLATES

No. 98.....	.60
198.....	.40

## KEYSTONES—Profile Wood

No. 29.....	.09
-------------	-----

## CORNERS—Profile Wood

No. 390.....	.14
--------------	-----



